

LIMITED HAZARDOUS MATERIALS SURVEY REPORT

Homer City Power Plant
1750 Power Plant Road Homer City PA 15748

Prepared for:

Homer City Power Generation, LLC
1750 Power Plant Road Homer City PA 15748

Report Date: November 2, 2021

Prepared By:



140 S. Village Avenue, Suite 130, Exton, PA 19341

TRC Project: 450190 Phase II

TABLE OF CONTENTS

EXECUTIVE SUMMARY	i
INTRODUCTION	1
BACKGROUND	1
Asbestos Containing Materials.....	1
Asbestos Sampling Procedures	1
Paint Chip Sampling	2
PCB Sampling Procedures	2
Laboratory Analysis	3
FINDINGS.....	1
Asbestos Containing Materials.....	3
Negative Materials (No Asbestos Detected).....	10
No Suspect Asbestos Materials Observed	29
Paint Chip Sampling Results.....	30
PCB Sampling Results.....	31
RECOMMENDATIONS.....	1
Asbestos Containing Materials.....	1
Lead Containing Paints.....	1
PCB Containing Paints and Caulks.....	1
DISCLAIMER.....	1

Appendices

Appendix A – Overall Site Diagram

Appendix B – Representative Photographs

Appendix C – Laboratory Results and Chain of Custody

Appendix D – Certifications

EXECUTIVE SUMMARY

Homer City Power Generation, LLC (Client) contracted TRC Environmental Corporation (TRC) to conduct a limited scope hazardous materials survey at 1750 Power Plant Road Homer City, PA 15748. The survey activities were initiated on September 27, 2021, by TRC Asbestos Hazard Emergency Response Act (AHERA) accredited Asbestos Building Inspector(s).

Asbestos Inaccessible Suspect Materials / Areas

Suspect asbestos containing materials were identified during the survey which were not sampled. These materials must be sampled by an accredited asbestos inspector prior to any disturbance, or they must be treated as ACM.

Asbestos Containing Materials

Results of analysis confirmed asbestos was identified within some of the bulk samples collected. Additionally, there were various other materials the Client reported as known to contain asbestos. A summary of Client sampling results was provided to TRC prior to this survey. Asbestos-containing materials (ACM) are defined by the Occupational Safety and Health Administration (OSHA), the Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Protection (PADEP) as any material containing more than one percent (>1.0%) asbestos when analyzed using Polarized Light Microscopy (PLM) methods.

Any materials uncovered during renovation or demolition activities that are not addressed in this inspection report, or suspect asbestos-containing materials, must be sampled by an accredited asbestos inspector prior to any disturbance, or they must be treated as asbestos containing (ACM).

Lead Containing Paint Sampling Results

All painted surfaces are assumed to be painted with lead containing paint, and no paint chip samples were collected. TRC recommends that any demolition or renovation activities that may disturb painted surfaces be conducted according to the OSHA requirements regarding lead in construction (29 CFR 1926.62).

Polychlorinated Biphenyl (PCB) Containing Paints and Caulks

Results of laboratory analysis indicated PCB concentrations were detected above the Toxic Substances Control Act (TSCA) limits.

INTRODUCTION

Homer City Power Generation, LLC (Client) contracted TRC Environmental Corporation (TRC) to conduct a limited scope hazardous materials survey at 1750 Power Plant Road Homer City, PA 15748. The survey activities were initiated on September 27, 2021, by TRC Asbestos Hazard Emergency Response Act (AHERA) accredited Asbestos Building Inspector(s).

BACKGROUND

Asbestos Containing Materials

Occupational Safety and Health Administration (OSHA) defines asbestos-containing material (ACM), as any material containing more than one percent asbestos.

The Environmental Protection Agency (EPA) defines ACM as follows:

1. Friable asbestos-containing material (ACM) is defined by the Asbestos NESHAP, as any material containing more than one percent (1%) asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy (PLM), that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
2. Nonfriable ACM is any material containing more than one percent (1%) asbestos as determined using the PLM method that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. The EPA further defines two categories of nonfriable ACM:
 - a. Category I (Cat I) - Category I nonfriable ACM is any asbestos-containing packing, gasket, resilient floor covering or asphalt roofing product which contains more than one percent (1%) asbestos as determined using PLM according to the method specified in Appendix A, Subpart F, 40 CFR Part 763, and
 - b. Category II (Cat II) - Category II nonfriable ACM is any material, excluding Category I nonfriable ACM, containing more than one percent (1%) asbestos as determined using PLM according to the methods specified in Appendix A, Subpart F, 40 CFR Part 763 that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
3. Regulated Asbestos-Containing Material (RACM) is (a) friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

Asbestos Sampling Procedures

The survey was conducted in accordance with the sample collection protocols established in 40 CFR 763 (AHERA), 40 CFR 61 Subpart M (NESHAP). A summary of survey activities is provided below.

Survey activities began with visual observation of the project area to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color and texture that does not extend to other buildings. Visual assessments were conducted in accessible areas of the building. Building materials identified as glass, wood or metal were not considered suspect ACM.

A physical assessment of each homogeneous area of suspect ACM was conducted to assess the friability and condition of the materials. Friability was assessed by physically touching suspect materials.

Based on results of the visual observation, bulk samples of suspect ACM were collected in accordance with PADEP sampling protocols. Samples of suspect materials were collected in each homogeneous area. Bulk samples were collected using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker. Note that multiple bulk samples are collected from each homogenous area of suspect ACM observed. In accordance with U.S. EPA guidelines, multiple samples are collected from each homogenous area of miscellaneous, thermal system insulation, and surfacing materials. Note that if one or more samples within a homogenous area of suspect ACM are positive for asbestos, then all of the suspect ACM must be treated as asbestos-containing material.

Bulk samples were submitted under proper COC documentation to the laboratory. Bulk samples were analyzed by PLM utilizing the EPA's, Method for the Determination of Asbestos in Bulk Building Materials, EPA 600/M4-82-020. Analysis by PLM was performed by visual observation of the bulk sample and slides prepared of the bulk sample for microscopic examination and identification. The samples were analyzed for asbestos (Chrysotile, Amosite, Crocidolite, Anthophyllite, and Actinolite/Tremolite), fibrous non-asbestos constituents (mineral wool, cellulose, etc.) and non-fibrous constituents. Using a stereoscope, the microscopist visually estimated the relative amounts of each constituent by determining the estimated area of the asbestos compared with the area estimate of the total sample.

Paint Chip Sampling

Lead-based paint (LBP) is defined by the United States Department of House and Urban Development (HUD) as any paint, varnish, stain, or other applied coating that has one mg/cm² or more of lead or 0.5% by weight (5,000 micrograms per gram [ug\g] or 5,000 parts of lead per million [ppm]). According to the OSHA Program Directive, Lead: Exposure in Construction, "For all occupational exposure to lead occurring in the course of construction work, the standard (1926.62) does not specify a minimum amount or concentration of lead that triggers a determination that lead is present and the potential for occupational exposure exists." Therefore, any paint containing less than 0.5% by weight, but greater than the laboratory detection limit is considered to be a LCP.

PCB Sampling Procedures

Select building materials were sampled to determine if they contained PCBs. The material samples were shipped to the laboratory for analysis under the chain of custody protocol and submitted to be analyzed by EPA Method 8082.

Laboratory Analysis

Sample analysis was performed by TRC's Industrial Hygiene Laboratory located in Windsor, Connecticut, using Polarized Light Microscopy with Dispersion Staining (PLM/DS) in accordance with the United States Environmental Protection Agency (US EPA) "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93/116. The TRC laboratory is accredited through the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (No. 101424-0). TRC's Massachusetts Analytical Laboratory certification number is AA000052.

Additionally, EMSL Analytical, Inc., located in Cinnaminson, NJ performed all PCB sample analysis. EMSL is accredited by the National Environmental Laboratory Accreditation Program (NELAP 03036). All samples were received in good condition unless otherwise noted in the attached laboratory reports.

FINDINGS

Asbestos Inaccessible Suspect Materials / Areas

The following materials and areas listed in the table below were not accessible at the time the asbestos survey was conducted.

Asbestos Inaccessible Suspect Materials				
Project Area / Name	Materials / Areas	Material Location	Reason	Approx. Quantity
Administration Building	Fire Rated Door Insulation	Throughout	No Access	10 Each
Administration Building	Roofing Multi-Layer	Roof	Not Able to Access Safely	12456 SF
BIN 1 MCC Building	Black Roofing Asphalt Based Built-Up	Throughout Roof	Height	300 SF
BIN 2	Roofing Asphalt Based Built-Up	Throughout	Height	900 SF
BIN 2 MCC Building	Black Roofing Asphalt Based Built-Up	Throughout Roof	Height	1200 SF
Clean Coal Silos	Roofing Asphalt Based Built-Up	Throughout 3 Silos	Height	12600 SF
Coal Area Conveyor Belt Building	Black Roofing Asphalt Based Built-Up	Roof	Height	400 SF
Coal Area Lab	Black Roofing Asphalt Based Built-Up	Throughout	Height	700 SF
Coal Area Unlabeled Electrical Room	Black Roofing Asphalt Based Built-Up	Throughout	Height	900 SF
Coal Cleaning Plant Unlabeled Building (Outside SOW)	Black Roofing Asphalt Shingle	Throughout Roof	Height	450 SF
Coal Silos	Roofing Multi-Layer	Throughout 4 Silos	Height	8800 SF
Main Gate Security Building	Roofing Multi-Layer	Roof	Not Able to Access Safely	600 SF
MCC 2 Silo Building	Black Roofing Multi-Layer	Throughout Roof	Height	700 SF
Plant Maintenance Mechanical and Electrical Building	Fire Door	Throughout Building	No Access	9 Each
Polymer Feed Building	Membrane Roof	Small Building Adjacent to South Tank	Height	540 SF
Rail Dump MCC 2 Building	Black Roofing Asphalt Based Built-Up	Throughout	Operating Equipment	320 SF

Asbestos Inaccessible Suspect Materials				
Project Area / Name	Materials / Areas	Material Location	Reason	Approx. Quantity
SERT Building	Black Roofing Multi-Layer	Roof	Not Able to Access Safely	9950 SF
Small Garage Coal Area	Black Roofing Asphalt Shingle	Throughout	Operating Equipment	180 SF
Truck Dump MCC 1	Black Roofing Asphalt Based Built-Up	Throughout Roof	Height	500 SF
Truck Dump MCC 1 Building	Black Roofing Asphalt Based Built-Up	MCC Building Roof	Height	250 SF
Unit 1 Boiler Area	Mill Feeder 2A-2F Interior Insulation	2nd Floor	No Access	120 SF
Unit 1 Boiler Area	Mill Feeder 2A-2F Interior Insulation	1st Floor	No Access	120 SF
Unit 1 Boiler Area	Insulation 2A-2F Pulverizing Mill Interior Insulation	Basement	No Access	120 SF
Unit 1 Turbine Area	Black Roofing Multi-Layer	Roof	Not Able to Access Safely	23500 SF
Unit 2 Boiler Area	Black Roofing Asphalt	9th Floor, East Side	Not Able to Access Safely	3180 SF
Unit 2 Boiler Area	Black Roofing Rubber Membrane	South 4th Floor	No Access	1500 SF
Unit 2 Boiler Area	Black Tar Coating on Exhaust Fan	South Roof, 4th Floor	No Access	600 SF
Unit 2 Boiler Area	Mill Feeder 2A-2F Interior Insulation	2nd Floor	No Access	120 SF
Unit 2 Boiler Area	Grey Roofing Multi-Layer	1st Floor	No Access	2400 SF
Unit 2 Boiler Area	Mill Feeder 2A-2F Interior Insulation	1st Floor	No Access	120 SF
Unit 2 Boiler Area	Insulation 2A-2F Pulverizing Mill Interior Insulation	Basement	No Access	120 SF
Unit 2 Turbine Area	Black Roofing Multi-Layer	Roof	Not Able to Access Safely	23500 SF
Unit 3 Boiler Area	Boiler Drum Insulation	Floor 11	No Access	240 SF
Unit 3 Boiler Area	Black Roofing Asphalt Based Built-Up	North 9th Floor	No Access	4800 SF
Unit 3 Boiler Area	Black Roofing Asphalt Based Built-Up	West 6th Floor	No Access	11000 SF
Unit 3 Boiler Area	Black Roofing Asphalt Based Built-Up	East 5th Floor	No Access	5200 SF

Asbestos Inaccessible Suspect Materials				
Project Area / Name	Materials / Areas	Material Location	Reason	Approx. Quantity
Unit 3 Boiler Area	3A-3F Mill Feeder Interior Insulation	Ground	No Access	360 SF
Unit 3 Turbine Area	Black Roofing Asphalt Based Built-Up	East Turbine Roof	No Access	27300 SF
Unit 3 Turbine Area	Metal Covered Wall Board	Floor 2 Radio Shack	No Access	100 SF
Unit 3 Turbine Area	White Metal-covered Wallboard	2nd Floor Control Room	No Access	600 SF
Unit 3 Turbine Area	12" X 12" Tan Floor Tile	Radio Shack	No Access	60 SF
Unit 3 Turbine Area	White Ceiling Tile with Pinholes	Radio Shack	No Access	70 SF
Unlabeled Building 1	Light Heat Shield	Sewage Treatment Plant Lighting Room in Unknown Building 1	Not Able to Access Safely	10 Each
Unlabeled Building 1	Rubber Membrane Roof	Unlabeled Building 1 Roof Throughout	No Access	300 SF
Wastewater Treatment (WWT)	Blue Fire Rated Door Insulation	Throughout Building	Not Able to Access Safely	10 Each
Wastewater Treatment (WWT)	Black Lab Tabletop	Floor 2	Not Able to Access Safely	30 SF
Water Filtration Building	Black Roofing Asphalt Based Built-Up	Throughout Roof	Not Able to Access Safely	3500 SF

Asbestos Containing Materials

Laboratory analytical results indicated the following materials were positive for asbestos in concentrations greater than 1%:

Asbestos Positive Materials						
Project Area / Name	Samples	Material	Location	Percentage / Type	Approx. Quantity	Condition / Material Type / NESHA Category
Administration Building	HC-ASB-722 HC-ASB-725 HC-ASB-726 HC-ASB-747 HC-ASB-748 HC-ASB-749	Tan 12" X 12" Floor Tile with Black Mastic	First Floor Throughout , Second Floor Throughout	3% Chrysotile (Mastic)	24912 SF	Good Misc. Cat I
Administration Building	HC-ASB-736 HC-ASB-737	Brown Linoleum Floor	Small Room in Second Floor Conference Room	80% Chrysotile	100 SF	Good Misc. Cat I

Asbestos Positive Materials						
Project Area / Name	Samples	Material	Location	Percentage / Type	Approx. Quantity	Condition / Material Type / NESHAP Category
Administration Building	HC-ASB-739	Black, White Window Glaze	Second Floor SW Section	3% Chrysotile	405 LF	Good Misc. Cat II
Administration Building	HC-ASB-740 HC-ASB-741 HC-ASB-744	Brown Vinyl Floor Tile with Black Mastic 12" X 12"	Mechanical And Janitor Room Second Floor, Center/West Stairwell	10% Chrysotile (Mastic), 5% Chrysotile (Tile)	464 SF	Good Misc. Cat I
Administration Building	ADM-FLVCT-1A ADM-FLVCT-2B ADM-FLVCT-1C	12" X 12" White Floor Tile W/ Black Spots	Floor 2 Phone Equipment Room	5% Chrysotile (Tile), 10% Chrysotile (Mastic)	890 SF	Good Misc. Cat I
Alpha Building	HC-ASB-934 HC-ASB-935	Tan, White, Brown, Tan with White and Brown Streaks Vinyl Floor Tile with Black Mastic 9" X 9"	Alpha Building Throughout	5% Chrysotile (Tile), 10% Chrysotile (Mastic)	1920 SF	Good Misc. Cat I
Alpha Building	HC-ASB-936 HC-ASB-937	Brown, Tan, White, Brown with Tan and White Streaks Vinyl Floor Tile with Black Mastic 9" X 9"	Alpha Building Bathrooms	5% Chrysotile (Tile), 10% Chrysotile (Mastic)	648 SF	Good Misc. Cat I
BIN 4 MCC Building	HC-ASB-914 HC-ASB-915	White, Blue Caulking	Bin 4 MCC Doors	3% Chrysotile	40 LF	Good Misc. Cat II
Building 8B	HC-ASB-71 HC-ASB-72 HC-ASB-73	Black Floor Expansion Joint	Throughout	2% Chrysotile	600 LF	Good Misc. Cat II
Building 8B	HC-ASB-77 HC-ASB-78 HC-ASB-79	Black Window Glaze	Throughout	2% Chrysotile	420 LF	Good Misc. Cat II

Asbestos Positive Materials						
Project Area / Name	Samples	Material	Location	Percentage / Type	Approx. Quantity	Condition / Material Type / NESHAP Category
Coal Area Unlabeled Building 1	HC-ASB-902 HC-ASB-903	Grey, Brown Linoleum	Coal Maintenance Building Wash House 2nd Floor Throughout	80% Chrysotile	3600 SF	Significantly Damaged Misc. Cat I
Coal Area Unlabeled Building 2	HC-ASB-897 HC-ASB-898	Brown Vinyl Floor Tile with Black Mastic 12" X 12"	Coal Maintenance Building Warehouse Entrance	2% Chrysotile (Mastic)	200 SF	Significantly Damaged Misc. Cat I
Coal Area Unlabeled Building 4	HC-ASB-884 HC-ASB-885 HC-ASB-886 HC-ASB-901	Brown Vinyl Floor Tile with Black Mastic 12" X 12"	Coal Maintenance Building Lab Throughout	10% Chrysotile (Mastic)	1272 SF	Significantly Damaged Misc. Cat I
Coal Area Unlabeled Building 4	HC-ASB-889	Black Transite Tabletop	Coal Maintenance Building Lab Tabletop	20% Chrysotile	72 SF	Good Misc. Cat II
Contractor Maintenance Shop	HC-ASB-830 HC-ASB-831 HC-ASB-832	Brown Vinyl Floor Tile with Black Mastic 12" X 12"	Contractor Maintenance Shop Second Floor Break Room	5% Chrysotile (Tile)	230 SF	Significantly Damaged Misc. Cat I
MCC 2 Silo Building	HC-ASB-636 HC-ASB-637	Silver Coating	Rooftop Mechanical Equipment	10% Chrysotile	40 SF	Good Misc. Cat II
MCC 2 Silo Building	HC-ASB-638 HC-ASB-639	Grey Textured Coating	Roof Mechanical Equipment	10% Chrysotile	300 SF	Good Misc. Cat II
MCC 2 Silo Building	HC-ASB-640 HC-ASB-641	Black Mastic	Rooftop Mechanical Equipment	10% Chrysotile	80 SF	Good Misc. Cat I

Asbestos Positive Materials						
Project Area / Name	Samples	Material	Location	Percentage / Type	Approx. Quantity	Condition / Material Type / NESHAP Category
Rail Dump MCC 1&3 Building	HC-ASB-601 HC-ASB-602	Grey Caulking	Exterior Windows	2% Chrysotile	24 LF	Significantly Damaged Misc. Cat II
SERT Building	HC-ASB-01 HC-ASB-02 HC-ASB-03	Tan Sheet Flooring Without Adhesive	Office Spaces, Breaker Room, Maintenance Training Area Hallway Near Women's Restroom	80% Chrysotile	4176 SF	Good Misc. Cat I
SERT Building	HC-ASB-29	Black Caulking	Office Spaces	30% Chrysotile	75 LF	Good Misc. Cat II
SERT Building	HC-ASB-30	Tan Caulking	Office Spaces	20% Chrysotile	200 LF	Good Misc. Cat II
Storage Building	HC-ASB-80 HC-ASB-81 HC-ASB-82	White Window Glaze	Exterior	2% Chrysotile	160 LF	Damaged Misc. Cat II
Stores Building	HC-ASB-758 HC-ASB-759 HC-ASB-766	White Vinyl Floor Tile with Black Mastic 12" X 12"	Stores Office Throughout	3% Chrysotile (Tile), 5% Chrysotile (Mastic)	1064 SF	Good Misc. Cat I
Stores Building	HC-ASB-760 HC-ASB-761	Grey Vinyl Floor Tile with Black Mastic 12" X 12"	Stores Office Throughout	3% Chrysotile (Tile), 10% Chrysotile (Mastic)	1064 SF	Good Misc. Cat I
Training Center Building	HC-ASB-783 HC-ASB-784 HC-ASB-785	Tan, Yellow, Grey Linoleum	2nd Floor Training Building Throughout and Stairs	80% Chrysotile	3100 SF	Good Misc. Cat I
Training Center Building	HC-ASB-797 HC-ASB-798	Brown, Red, White Vinyl Floor Tile with Black Mastic 9" X 9"	Training Building First Floor Throughout	5% Chrysotile	1280 SF	Good Misc. Cat I

Asbestos Positive Materials						
Project Area / Name	Samples	Material	Location	Percentage / Type	Approx. Quantity	Condition / Material Type / NESHAP Category
Training Center Building	HC-ASB-805 HC-ASB-806 HC-ASB-807	White, Grey Vinyl Floor Tile with Black Mastic 12" X 12"	Training Building First Floor CEMS Parts Office	3% Chrysotile (Mastic)	180 SF	Good Misc. Cat I
Truck Dump MCC 1 Building	HC-ASB-624 HC-ASB-625	Grey Caulking	MCC Building Window	2% Chrysotile	24 LF	Damaged Misc. Cat II
Unit 1 Boiler Area	N/A	Insulation Pipe < 12"	Exterior of Economizer	Assumed	1500 LF	Unknown TSI RACM
Unit 1 Boiler Area	Not Applicable	White Insulation Pipe < 12"	11th Floor, 10th Floor, 9th Floor, 8th Floor, 7th Floor, 6th Floor, 5th Floor, 4th Floor, 3.5 - 3rd Floor, 2nd Floor, 1st Floor, Basement	Assumed	2535 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 1 Boiler Area	Not Applicable	White Insulation Pipe 12" – 24"	Economizer, 11th Floor, 10th Floor, 9th Floor, 8th Floor, 7th Floor, 6th Floor, 5th Floor, 4th Floor, 3.5 - 3rd Floor, 2nd Floor, 1st Floor, Basement	Assumed	3810 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 1 Boiler Area	Not Applicable	White Insulation Pipe > 24"	11th Floor, 10th Floor, 9th Floor, 8th Floor, 7th Floor, 6th Floor, 5th Floor, 4th Floor, 3.5 - 3rd Floor, 2nd Floor, 1st Floor	Assumed	3100 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 1 Boiler Area	Not Applicable	Yellow Insulation High Pressure Heaters	7A & 7B 3rd Floor	Assumed	160 SF	Good TSI RACM
Unit 1 Boiler Area	Not Applicable	Yellow, White Insulation High Pressure Feed Water Heaters	6A & 6B 2nd Floor	Assumed	360 SF	Good TSI RACM
Unit 1 Boiler Area	Not Applicable	Insulation Deaerator ST Tank Insulation	2nd Floor	Assumed	2340 SF	Good TSI RACM

Asbestos Positive Materials						
Project Area / Name	Samples	Material	Location	Percentage / Type	Approx. Quantity	Condition / Material Type / NESHAP Category
Unit 1 Boiler Area	Not Applicable	Refractory	Throughout Boiler 1	Assumed	40000 CF (Note Client Reported Approximately 50% Abated Prior to Assessment)	Good Misc. Cat II
Unit 1 Turbine Area	Not Applicable	Insulation Pipe < 12"	2nd Floor, 1st Floor, Basement	Assumed	2640 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 1 Turbine Area	Not Applicable	Insulation Pipe Insulation 12" – 24"	2nd Floor, 1st Floor, Basement	Assumed	2240 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 1 Turbine Area	Not Applicable	Insulation Pipe > 24"	2nd Floor, 1st Floor, Basement	Assumed	1250 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 2 Boiler Area	N/A	Insulation Pipe < 12"	Exterior of Economizer	Assumed	1500 LF	Unknown TSI RACM
Unit 2 Boiler Area	Not Applicable	White Insulation Pipe < 12"	11th Floor, 10th Floor, 9th Floor, 8th Floor, 7th Floor, 6th Floor, 5th Floor, 4th Floor, 3.5 - 3rd Floor, 2nd Floor, 1st Floor, Basement	Assumed	2535 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 2 Boiler Area	Not Applicable	White Insulation Pipe 12" – 24"	Economizer, 11th Floor, 10th Floor, 9th Floor, 8th Floor, 7th Floor, 6th Floor, 5th Floor, 4th Floor, 3.5 - 3rd Floor, 2nd Floor, 1st Floor, Basement	Assumed	3810 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 2 Boiler Area	Not Applicable	White Insulation Pipe > 24"	11th Floor, 10th Floor, 9th Floor, 8th Floor, 7th Floor, 6th Floor, 5th Floor, 4th Floor, 3.5 - 3rd Floor, 2nd Floor, 1st Floor	Assumed	3100 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 2 Boiler Area	Not Applicable	Yellow Insulation High Pressure Heaters	7A & 7B 3rd Floor	Assumed	160 SF	Good TSI RACM

Asbestos Positive Materials						
Project Area / Name	Samples	Material	Location	Percentage / Type	Approx. Quantity	Condition / Material Type / NESHAP Category
Unit 2 Boiler Area	Not Applicable	Yellow, White Insulation High Pressure Feed Water Heaters	6A & 6B 2nd Floor	Assumed	360 SF	Good TSI RACM
Unit 2 Boiler Area	Not Applicable	Insulation Deaerator ST Tank Insulation	2nd Floor	Assumed	2340 SF	Good TSI RACM
Unit 2 Boiler Area	Not Applicable	Refractory	Throughout Boiler 2	Assumed	40000 CF (Note Client Indicated Approximately 50% Abated Prior to Assessment)	Good Misc. Cat II
Unit 2 Turbine Area	Not Applicable	Insulation Pipe < 12"	2nd Floor, 1st Floor, Basement	Assumed	2640 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 2 Turbine Area	Not Applicable	Insulation Pipe Insulation 12" – 24"	2nd Floor, 1st Floor, Basement	Assumed	2240 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 2 Turbine Area	Not Applicable	Insulation Pipe > 24"	2nd Floor, 1st Floor, Basement	Assumed	1250 LF (Note Visual Estimated Approximately 50% Abated Prior to Assessment)	Good TSI RACM
Unit 3 Turbine Area	HC-ASB-201 HC-ASB-202	Black AC Generator Interior Tar Coating	2nd Floor	5% Chrysotile	4410 SF	Good Misc. Cat II
Unit 3 Turbine Area	HC-ASB-206 HC-ASB-207 HC-ASB-208	Grey-marbled Vinyl Floor Tile with Black Mastic 12" X 12"	2nd Floor Control Room	10% Chrysotile (Mastic)	2100 SF	Good Misc. Cat I

Asbestos Positive Materials						
Project Area / Name	Samples	Material	Location	Percentage / Type	Approx. Quantity	Condition / Material Type / NESHAP Category
Unit 3 Warehouse	HC-ASB-833 HC-ASB-834 HC-ASB-835 HC-ASB-836 HC-ASB-837	Black Expansion Joint	Unit Three Warehouse North End, Unit Three Warehouse South End	3% Chrysotile	200 LF	Good Misc. Cat II
Unlabeled Building 1	HC-ASB-770 HC-ASB-771	Grey Door Caulk	Unlabeled Building 1 Doors	3% Chrysotile	20 LF	Good Misc. Cat I
Water Clarification Underground Piping	Not Applicable	Black Pipe Coating	Underground From Water Clarification Area to Boilers	Assumed	2000 LF	Unknown
Water Treating Lab	HC-ASB-852	Grey Fume Hood Interior Panels	Transite Panels in The Fume Hoods	20% Chrysotile	100 SF	Good Misc. Cat II
Water Treating Lab	HC-ASB-857 HC-ASB-858	Brown Vinyl Floor Tile with Yellow Adhesive 12" X 12"	Water Treatment Lab Office Under Grey Tiles	5% Chrysotile (Mastic)	160 SF	Good Misc. Cat I

Negative Materials (No Asbestos Detected)

Results of the bulk sampling indicated none of the following sampled materials contained detectable levels of asbestos, based on the PLM method:

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
6AA Building	HC-ASB-841 HC-ASB-842 HC-ASB-843	Black Caulking	6AA Exterior

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Administration Building	HC-ASB-721 HC-ASB-731 HC-ASB-732 HC-ASB-754 HC-ASB-755	White Plaster Skim Coat	Second Floor Women's Bathroom, Second Floor Hallway, Second Floor Throughout
Administration Building	HC-ASB-723 HC-ASB-727 HC-ASB-728 HC-ASB-750 HC-ASB-751 HC-ASB-753	White Ceiling Tile 2' X 2'	Second Floor Ceiling
Administration Building	HC-ASB-724 HC-ASB-729 HC-ASB-730 HC-ASB-752	Black, Tan Cove Base Without Adhesive	Second Floor Hallway
Administration Building	HC-ASB-733 HC-ASB-734 HC-ASB-735	Grey, White Vinyl Floor Tile with Black Mastic 12" X 12"	Second Floor Throughout
Administration Building	HC-ASB-738	Black Windowsill	Second Floor Windows in The Small Room Inside the Conference Room
Administration Building	HC-ASB-742 HC-ASB-743	White Duct Insulation	Mechanical And Janitor Room Hallway Above Ceiling
Administration Building	HC-ASB-745	White Joint Compound	Second Floor Conference Room
Administration Building	HC-ASB-746	White, Brown Sheet Rock	Second Floor Throughout
Alpha Building	HC-ASB-929 HC-ASB-932 HC-ASB-933	White Wallboard Gypsum with Joint Compound	Alpha Building Throughout
Alpha Building	HC-ASB-931 HC-ASB-930	White Ceiling Tile 2' X 4'	Throughout

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
BIN 2 MCC Building	HC-ASB-642 HC-ASB-643	White Ceiling Tile 1' X 1'	Control Room Ceiling
BIN 4	HC-ASB-923 HC-ASB-924	Black Expansion Joint Caulk	BIN 4 Floor
Blade Shop	HC-ASB-912 HC-ASB-913 BS-FP-1A BS-FP-1B BS-FP-1C BS-FP-1D BS-FP-1E	White Fireproofing	Blade Shop Throughout
Building 8AA	HC-ASB-86 HC-ASB-87 HC-ASB-88	Black Roofing Coating/debris	Throughout
Building 8B	HC-ASB-74 HC-ASB-75 HC-ASB-76	Green, Grey Window Glaze	Throughout
Building 8C	HC-ASB-83 HC-ASB-84 HC-ASB-85	Black, Brown Caulking	Throughout
Coal Area Office Unlabeled	HC-ASB-899 HC-ASB-900	Black Vinyl Floor Tile with Black Mastic 12" X 12"	Coal Belt Wash House
Coal Area Unlabeled Building 1	HC-ASB-891 HC-ASB-892	Brown Epoxy on Floor	East Unlabeled Coal Maintenance Building
Coal Area Unlabeled Building 1	HC-ASB-893 HC-ASB-894 HC-ASB-895 HC-ASB-896	White Plaster Skim Coat	Coal Maintenance Building Wash House Entry and Lockers

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Coal Area Unlabeled Building 1	HC-ASB-904 HC-ASB-905	White Ceiling Tile 2' X 2'	Coal Maintenance Building Wash House 2nd Floor Throughout
Coal Area Unlabeled Building 1	HC-ASB-906 HC-ASB-907	Brown Wallboard Gypsum with Joint Compound	Coal Maintenance Building Wash House 2nd Floor Bathrooms
Coal Area Unlabeled Building 3	HC-ASB-908 HC-ASB-909	White, Green Wallboard Gypsum with Joint Compound	Metal Working Building Second Floor
Coal Area Unlabeled Building 3	HC-ASB-910 HC-ASB-911	White Ceiling Tile 2' X 4'	Metal Working Building Second Floor
Coal Area Unlabeled Building 4	HC-ASB-881 HC-ASB-882 HC-ASB-883	White Ceiling Tile 2' X 4'	Coal Maintenance Building Lab
Coal Area Unlabeled Building 4	HC-ASB-887 HC-ASB-888	White Refractory Brick	Coal Maintenance Building Lab Ovens
Coal Area Unlabeled Building 4	HC-ASB-890	Black Sink Undercoat	Coal Maintenance Building Lab Sink
Coal Handling Building	HC-ASB-925 HC-ASB-926	White Ceiling Tile 2' X 2'	Coal Handling Building
Coal Handling Building	HC-ASB-927 HC-ASB-928	White Plaster Skim Coat	Coal Handling Building Bathrooms
Coal Scale Building	HC-ASB-630 HC-ASB-631	White Insulation Wall / Sound	Throughout Walls
Coal Scale Building	HC-ASB-632 HC-ASB-633	White Ceiling Tile 2' X 4'	Throughout Ceiling

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Coal Yard Vehicle Maintenance Trailer	HC-ASB-878 HC-ASB-879 HC-ASB-880	Grey Vinyl Floor Tile with Black Mastic 12" X 12"	Coal Yard Vehicle Maintenance Building Throughout
Contractor Entrance Security Building	HC-ASB-982 HC-ASB-983	White Ceiling Tile 2' X 4'	Contractor Entrance Security Building
Contractor Lunchroom / Coal Maintenance Building	HC-ASB-838 HC-ASB-839 HC-ASB-840	White Ceiling Tile 2' X 4'	Contractor Break Room
Contractor Maintenance Shop	HC-ASB-816 HC-ASB-817 HC-ASB-818	White Vinyl Floor Tile with Black Mastic 12" X 12"	Contractor Maintenance Shop First Floor Break Room Throughout
Contractor Maintenance Shop	HC-ASB-819 HC-ASB-820 HC-ASB-821	Tan Gypsum Board Ceiling	Contractor Maintenance Shop Throughout First Floor Break Room
Contractor Maintenance Shop	HC-ASB-822 HC-ASB-823 HC-ASB-824	White Ceiling Tile 2' X 4'	Contractor Maintenance Shop Throughout First Floor Break Room
Contractor Maintenance Shop	HC-ASB-825 HC-ASB-826	White Ceiling Tile 2' X 4'	Contractor Maintenance Shop First Floor Break Room Throughout
Contractor Maintenance Shop	HC-ASB-827 HC-ASB-828 HC-ASB-829	White Ceiling Tile 2' X 4'	Contractor Maintenance Shop First Floor Break Room Throughout
Cooling Tower 1	HC-ASB-944 HC-ASB-945 HC-ASB-946	Tan Concrete	Cooling Tower 1 Throughout
Cooling Tower 1	HC-ASB-974	Orange Caulking	Unit One Cooling Tower Entrance Door
Cooling Tower 1	N/A	Fill (Client Reported Abated)	Cooling Tower 1 Throughout

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Cooling Tower 2	HC-ASB-941 HC-ASB-942 HC-ASB-943	Tan Concrete	Cooling Tower 2 Throughout
Cooling Tower 2	N/A	Fill (Client Reported Abated)	Cooling Tower 2 Throughout
Cooling Tower 3	HC-ASB-938 HC-ASB-939 HC-ASB-940	Tan Concrete	Cooling Tower 3 Throughout
Cooling Tower 3	N/A	Fill (Client Reported Abated)	Cooling Tower 3 Throughout
Decommissioned Stack	HC-ASB-953 HC-ASB-954 HC-ASB-955	Tan Concrete	Decommissioned Stack Throughout
FGD Gypsum Dome	HC-ASB-56 HC-ASB-57 HC-ASB-58	Grey Concrete	Entire Dome
Helvetia Scale Building	HC-ASB-605 HC-ASB-606	White Ceiling Tile 2' X 4'	Locker Room Area, Front Office Ceiling
Helvetia Scale Building	HC-ASB-607 HC-ASB-608	Tan Vinyl Floor Tile with Yellow Adhesive 12" X 12"	Front Office Floor
Helvetia Scale Building	HC-ASB-609 HC-ASB-610	Brown Cove Base with Adhesive	Front Office Walls, Locker Rooms Walls
Helvetia Scale Building	HC-ASB-611 HC-ASB-612	Grey Concrete Floor Coating	Locker Room Area Floor
Industrial Waste Treatment Building	HC-ASB-781 HC-ASB-782	Grey Caulking	Industrial Waste Treatment Upstairs Room.

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Main Gate Security Building	HC-ASB-40 HC-ASB-41 HC-ASB-42	Grey Cove Base with Adhesive	Throughout Building
Main Gate Security Building	HC-ASB-43 HC-ASB-44 HC-ASB-45	White Ceiling Tile 2' X 4'	Throughout Building
Main Gate Security Building	HC-ASB-46 HC-ASB-47	White Wallboard Gypsum	Throughout Building
Main Gate Security Building	HC-ASB-48 HC-ASB-49 HC-ASB-50	Black Caulking	Exterior Of Building
Main Gate Security Building	HC-ASB-51 HC-ASB-52 HC-ASB-53	Tan Caulking	Exterior Of Building
Main Gate Security Building	HC-ASB-54 HC-ASB-55	Grey Caulking	Exterior Of Building
Main Security Building	HC-ASB-867 HC-ASB-868	White Wallboard Gypsum with Joint Compound	Main Security Building Throughout
Main Security Building	HC-ASB-870 HC-ASB-871 HC-ASB-872	Tan Ceiling Tile 2' X 4'	Main Security Building
Main Security Building	HC-ASB-869 HC-ASB-873	Brown, Tan Linoleum	Main Security Building
Main Security Building	HC-ASB-874	Black Caulking	Main Security Building Exterior Doors
Main Security Building	HC-ASB-875 HC-ASB-876	Black Slate Windowsill	Main Security Building

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Main Security Building	HC-ASB-877	Caulking	Main Security Building Windows
Plant Maintenance Mechanical and Electrical Building	ME-EXPJ-1A ME-EXPJ-1B ME-EXPJ-1C	Tan Floor Expansion Joint	Floor
Preventative Maintenance Building	HC-ASB-916 HC-ASB-917	White Vinyl Floor Tile with Black Mastic 12" X 12"	Preventative Maintenance Building Office
Preventative Maintenance Building	HC-ASB-918 HC-ASB-919 HC-ASB-921 HC-ASB-922	White Wallboard Gypsum	Preventative Maintenance Building Office Above Ceiling Tile
Preventative Maintenance Building	HC-ASB-920	Tan Adhesive	Preventative Maintenance Building Office Above Ceiling Tile
Rail Dump MCC 1&3 Building	HC-ASB-603 HC-ASB-604	Black Coating on Concrete Floor	Throughout Floor
RCRA Building	HC-ASB-779	White Pipe End Sealant on Fiber Glass Insulation	RCRA Building
RCRA Building	HC-ASB-780	Grey Caustic Soda Tank and Cap	RCRA Building Caustic Tank
R&L Building	HC-ASB-613 HC-ASB-614 RL-TWC-1A RL-TWC-1B RL-TWC-1C RL-TWC-1D RL-TWC-1E	White Textured Wall Coating	Development Office Walls
R&L Building	HC-ASB-615 HC-ASB-616	Black Vinyl Floor Tile with Yellow Adhesive 12" X 12"	Development Office Floor
R&L Building	HC-ASB-617 HC-ASB-618	Grey Cove Base with Adhesive	Development Office Walls

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
SERT Building	HC-ASB-04 HC-ASB-05	Black, Brown, Tan Vinyl Floor Tile with White Adhesive 18" X 18"	Office Spaces
SERT Building	HC-ASB-06 HC-ASB-07 HC-ASB-08	Brown, White Vinyl Floor Tile with Yellow Adhesive 12" X 12"	Maintenance Training Area Hallway
SERT Building	HC-ASB-09 HC-ASB-10 HC-ASB-11	Yellow Adhesive	Throughout SERT Building
SERT Building	HC-ASB-12 HC-ASB-13 HC-ASB-14	Tan Wallboard Gypsum	Throughout SERT Building
SERT Building	HC-ASB-15 HC-ASB-16 HC-ASB-17	White Wallboard Joint Compound	Throughout SERT Building
SERT Building	HC-ASB-18 HC-ASB-19 HC-ASB-20	White Ceiling Tile 2' X 4'	Office Spaces, Maintenance Training Area Hallway
SERT Building	HC-ASB-21 HC-ASB-22 HC-ASB-23	White Ceiling Tile 2' X 2'	Maintenance Training Area Hallway, Main Door
SERT Building	HC-ASB-24 HC-ASB-25 HC-ASB-26	White Ceiling Tile 2' X 2'	Maintenance Training Area
SERT Building	HC-ASB-27 HC-ASB-28	Peach/tan Vinyl Floor Tile with Yellow Adhesive 12" X 12"	Office Spaces
SERT Building	HC-ASB-31 HC-ASB-32 HC-ASB-33	Blue Floor Epoxy	Conference/kitchenette Area

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
SERT Building	HC-ASB-34 HC-ASB-35 HC-ASB-36	Grey Floor Epoxy	Medical Area
SERT Building	HC-ASB-37 HC-ASB-38 HC-ASB-39	White, Grey Caulking	Outside Of Building
Stores Building	HC-ASB-762 HC-ASB-763 HC-ASB-767	White Ceiling Tile 2' X 4'	Stores Office Throughout
Stores Building	HC-ASB-764 HC-ASB-765	Brown, Black Caulking	Stores Office Exterior
Stores Building	HC-ASB-768 HC-ASB-769	Black Vinyl Floor Tile with Black Mastic 12" X 12"	Stores Office Bathrooms
Training Center Building	HC-ASB-786 HC-ASB-787 HC-ASB-788	White Ceiling Tile 2' X 4'	2nd Floor Training Building Throughout
Training Center Building	HC-ASB-791 HC-ASB-792 HC-ASB-793	Brown, White Wallboard Gypsum	2nd Floor Janitor Closet
Training Center Building	HC-ASB-789 HC-ASB-790	Tan, White Wallboard Joint Compound	2nd Floor HVAC/Janitor Room
Training Center Building	HC-ASB-794 HC-ASB-795 HC-ASB-796	Brown Ceiling Tile 2' X 4'	Training Building First Floor Throughout
Training Center Building	HC-ASB-799 HC-ASB-800 HC-ASB-801	Tan Vinyl Floor Tile with Black Mastic 12" X 12"	Training Building First Floor Restroom

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Training Center Building	HC-ASB-802 HC-ASB-811	White Wallboard Gypsum with Joint Compound	Training Building CEMS Office Throughout
Training Center Building	HC-ASB-812 HC-ASB-813	White Ceiling Tile 2' X 4'	Training Building First Floor CEMS Office Foyer
Training Center Building	HC-ASB-814 HC-ASB-815	White Ceiling Tile 2' X 2'	Training Building First Floor CEMS Office
Training Center Building	HC-ASB-803 HC-ASB-804	Brown, Tan, White Vinyl Floor Tile Without Adhesive 12" X 12"	Training Building First Floor CEMS Office
Training Center Building	HC-ASB-808 HC-ASB-809 HC-ASB-810	Tan, Brown, White, Black Vinyl Floor Tile with Black Mastic 12" X 12"	Training Building First Floor CEMS Office
Truck Dump MCC 1 Building	HC-ASB-619 HC-ASB-622 HC-ASB-623	White Insulation Pipe Runs	Exterior Penetration
Truck Dump MCC 1 Building	HC-ASB-620 HC-ASB-621	White Ceiling Tile 2' X 4'	Control Room Ceiling
Truck Dump MCC 1 Building	HC-ASB-626 HC-ASB-627	Grey Concrete	Coal Dumping West Building
Truck Dump MCC 1 Building	HC-ASB-628 HC-ASB-629	Black Coating on Asphalt	Outside MCC Building
Truck Dump MCC 1 Building	HC-ASB-635 HC-ASB-634	Yellow Coating on Steel Floor	West Building
Unit 1 And 2 Basement Operator Office	HC-ASB-863 HC-ASB-864	White Ceiling Tile 2' X 4'	Units 1&2 Basement Operator Office

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Unit 1 Stack	HC-ASB-947 HC-ASB-948 HC-ASB-949	Tan Concrete	Stack 1 Throughout
Unit 2 Boiler Area	HC-ASB-89 HC-ASB-90	Black Caulking	South Break Room, 11th
Unit 2 Boiler Area	HC-ASB-91 HC-ASB-92 HC-ASB-93	Grey Caulking	6th Floor
Unit 2 Boiler Area	HC-ASB-94 HC-ASB-95 HC-ASB-96	Grey Concrete	6th Floor
Unit 2 Boiler Area	HC-ASB-97 HC-ASB-98	Black Tar Coating on Exhaust Fan	North 6th Floor
Unit 2 Boiler Area	HC-ASB-100 HC-ASB-99	White Ceiling Tile 2' X 4'	3rd Floor
Unit 2 Boiler Area	HC-ASB-115 HC-ASB-116	Black W White Flex Vinyl Floor Tile with White Adhesive 12" X 12"	3rd Floor
Unit 2 Boiler Area	HC-ASB-118 HC-ASB-119	White Ceiling Tile 2' X 4'	3rd Floor
Unit 2 Boiler Area	HC-ASB-117 HC-ASB-120	Black Vinyl Floor Tile Brownish yellow	3rd Floor
Unit 2 Boiler Area	HC-ASB-121 HC-ASB-122	White Vinyl Floor Tile with Black Mastic 12" X 12"	3rd Floor
Unit 2 Boiler Area	HC-ASB-123 HC-ASB-124	White, Other Ceiling Tile 2' X 4'	3rd Floor

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Unit 2 Boiler Area	HC-ASB-125 HC-ASB-126	White Wallboard Gypsum	3rd Floor, Relay Room-1st Floor
Unit 2 Precipitator Area	HC-ASB-959 HC-ASB-960	Grey Caulking	Unit 2 An ID Fan
Unit 2 Precipitator Area	HC-ASB-961 HC-ASB-962 HC-ASB-963	Black, White Unit 2 Rapper/vibrator Building Floor	Unit 2 Rapper/vibrator Room Throughout
Unit 2 Precipitator Area	HC-ASB-964	Black, White Unit 2 B Precipitator Rapper/vibrator Building Floor	Unit 2 Precipitator Rapper/vibrator Building
Unit 2 Stack	HC-ASB-950 HC-ASB-951 HC-ASB-952	Tan Concrete	Unit 2 Stack Throughout
Unit 2 Turbine Area	HC-ASB-106 HC-ASB-107	White Ceiling Tile 2' X 4'	2nd Floor
Unit 2 Turbine Area	HC-ASB-108 HC-ASB-109 HC-ASB-110	Grey Vinyl Floor Tile with Black Mastic 12" X 12"	2nd Floor
Unit 2 Turbine Area	HC-ASB-111 HC-ASB-112	Tan, Yellow Adhesive	2nd Floor
Unit 2 Turbine Area	HC-ASB-113 HC-ASB-114	White Wallboard Gypsum	Basement
Unit 2 Turbine Area	HC-ASB-101 HC-ASB-102 HC-ASB-103	White Wallboard Gypsum	Basement
Unit 2 Turbine Area	HC-ASB-104 HC-ASB-105	Yellow Adhesive	Basement

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Unit 2 Turbine Area	HC-ASB-127 HC-ASB-128	White Ceiling Tile 2' X 4'	Basement
Unit 2 Turbine Area	HC-ASB-129 HC-ASB-130	Black Cove Base with Adhesive	Basement
Unit 3 Boiler Area	HC-ASB-131 HC-ASB-135 HC-ASB-138 HC-ASB-141 HC-ASB-146 HC-ASB-149 HC-ASB-153 HC-ASB-156 HC-ASB-169 HC-ASB-173 HC-ASB-174 HC-ASB-189	Pipe Insulation < 12 IN	Throughout
Unit 3 Boiler Area	HC-ASB-132 HC-ASB-136 HC-ASB-139 HC-ASB-142 HC-ASB-147 HC-ASB-154 HC-ASB-159 HC-ASB-170 HC-ASB-175 HC-ASB-176 HC-ASB-190	Pipe Insulation 12 – 24 IN	Throughout
Unit 3 Boiler Area	HC-ASB-133 HC-ASB-137 HC-ASB-140 HC-ASB-143 HC-ASB-152 HC-ASB-155 HC-ASB-160 HC-ASB-171 HC-ASB-177 HC-ASB-178	Pipe Insulation > 24 IN	Throughout

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Unit 3 Boiler Area	HC-ASB-134 HC-ASB-144 HC-ASB-150 HC-ASB-151 HC-ASB-162	Pink, White Boiler Refractory	Throughout
Unit 3 Boiler Area	HC-ASB-145 HC-ASB-148	White Duct Vibration Damper	Throughout
Unit 3 Boiler Area	HC-ASB-157 HC-ASB-158	7A/7B Super Heater Shell Insulation	S 3rd Floor
Unit 3 Boiler Area	HC-ASB-161	Tank Insulation	S 3rd Floor
Unit 3 Boiler Area	HC-ASB-163 HC-ASB-164 HC-ASB-165 HC-ASB-166	White 6A/6B Feedwater Heater Shell Insulation	S 2nd Floor
Unit 3 Boiler Area	HC-ASB-167 HC-ASB-168	White 6A High Pressure Heater Drip Tank	N 2nd Floor
Unit 3 Boiler Area	HC-ASB-172	White APH Drip Tank Shell Insulation	S 1st Floor
Unit 3 Boiler Area	HC-ASB-179	White Boiler Feed Pump 1&2 Insulation	S 1st Floor
Unit 3 Boiler Area	HC-ASB-180	White Pipe Insulation	1st Floor Operations/E&I Areas
Unit 3 Boiler Area	HC-ASB-181 HC-ASB-182	White Ceiling Tile 2' X 4'	1st Floor
Unit 3 Boiler Area	HC-ASB-183 HC-ASB-184	Grey Cove Base with Adhesive	1st Floor

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Unit 3 Boiler Area	HC-ASB-185 HC-ASB-186	White Wallboard Gypsum	1st Floor
Unit 3 Boiler Area	HC-ASB-187 HC-ASB-188	Pink, White Flash Tank Shell Insulation	S Ground
Unit 3 Boiler Area	HC-ASB-191 HC-ASB-192 HC-ASB-193	White Caulking	Throughout
Unit 3 Boiler Area	HC-ASB-195	Tan Adhesive	Ground
Unit 3 Boiler Area	HC-ASB-194	White Wallboard Gypsum	Ground
Unit 3 Boiler Area	HC-ASB-224 HC-ASB-225	Tan, Pink Glycol Drip Pump Insulation	Ground
Unit 3 Boiler Area	HC-ASB-972 HC-ASB-973 HC-ASB-975 HC-ASB-976 HC-ASB-977 HC-ASB-979	White Economizer Pipe Insulation	Economizer Throughout
Unit 3 Boiler Area	HC-ASB-978	Black Economizer Caulking	Economizer Throughout
Unit 3 Boiler Area	HC-ASB-980	Grey, White Economizer Caulking	Economizer Water Pipe
Unit 3 Boiler Area	HC-ASB-981	Tan, Brown Economizer Wall Insulation	Economizer Confined Space Entry Wall
Unit 3 Make Up Booster Pump House	HC-ASB-773	Grey Expansion Joint	Unit #3 Make-up Booster Pump House.
Unit 3 Make Up Booster Pump House	HC-ASB-776	Black Caulking	Unit 3 Make-up Booster Pump House

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Unit 3 Make Up Booster Pump House	HC-ASB-775	Black Pipe Penetration Caulk	Unit 3 Make-up Booster Pump House
Unit 3 Make Up Booster Pump House	HC-ASB-774	Orange, Black Water Pump Feed Phalange Gasket	Unit 3 Make-up Booster Pump House
Unit 3 NIDS Area	HC-ASB-68 HC-ASB-69 HC-ASB-70	White Caulking	Throughout
Unit 3 Precipitator Area	HC-ASB-965	White, Tan Gaskets	Unit 3 Precipitator
Unit 3 Precipitator Area	HC-ASB-966	Grey Insulation Pipe Elbows / Fittings	Unit 3 Precipitator
Unit 3 Precipitator Area	HC-ASB-967	Tan, Silver TSI Jacket	Unit 3 Precipitator TSI
Unit 3 Precipitator Area	HC-ASB-968	Grey 8 Inch Pipe End Cap	Unit 3 Precipitator 2nd Floor
Unit 3 Precipitator Area	HC-ASB-969	Black Mastic	Unit 3 Precipitator Ground Floor
Unit 3 Precipitator Area	HC-ASB-970	Black Refractory	Unit 2 Precipitator Exterior
Unit 3 Precipitator Area	HC-ASB-971	White Caulking	Unit 3 Precipitator Exterior Windows
Unit 3 Stack	HC-ASB-956 HC-ASB-957 HC-ASB-958	Tan Concrete	Unit 3 Stack
Unit 3 Turbine Area	HC-ASB-198 HC-ASB-216 HC-ASB-217 HC-ASB-233 HC-ASB-234	White Pipe Insulation < 12 IN	2nd Floor

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Unit 3 Turbine Area	HC-ASB-199 HC-ASB-218 HC-ASB-219 HC-ASB-232	White Pipe Insulation 12 – 24 IN	2nd Floor
Unit 3 Turbine Area	HC-ASB-200 HC-ASB-221 HC-ASB-220 HC-ASB-235 HC-ASB-236	White Pipe Insulation > 24 IN	2nd Floor
Unit 3 Turbine Area	HC-ASB-196 HC-ASB-197	Turbine Rupture Disk Outlet Vessel Insulation	2nd Floor
Unit 3 Turbine Area	HC-ASB-203 HC-ASB-204 HC-ASB-205	White Ceiling Tile 2' X 4'	2nd Floor
Unit 3 Turbine Area	HC-ASB-209	Black Vinyl Floor Tile Without Adhesive 12" X 12"	2nd Floor
Unit 3 Turbine Area	HC-ASB-210 HC-ASB-211	Grey Cove Base with Adhesive	2nd Floor
Unit 3 Turbine Area	HC-ASB-212 HC-ASB-213	White Heater #3/4 Shell Insulation	1st Floor
Unit 3 Turbine Area	HC-ASB-214 HC-ASB-215	White Pipe Elbow on Fiberglass	Throughout
Unit 3 Turbine Area	HC-ASB-222 HC-ASB-223	White Ceiling Tile 2' X 4'	1st Floor
Unit 3 Turbine Area	HC-ASB-226 HC-ASB-227	White Tank Shell, Adjacent to Surface Condenser	Ground

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Unit 3 Turbine Area	HC-ASB-228 HC-ASB-229	White Water Conditioning Tank Shell Insulation	Ground
Unit 3 Turbine Area	HC-ASB-230 HC-ASB-231	Grey, White Sodium Hydroxide Tank 009A Shell Insulation	Ground
Unit 3 Turbine Area	HC-ASB-237 HC-ASB-238 HC-ASB-239	White Caulking	Ground
Unit 3 Turbine Area	HC-ASB-240 HC-ASB-241	Red Caulking	Throughout
Units 1 And 2 Electric Fire Pump Building	HC-ASB-777 HC-ASB-778	Black, Brown Water Pump Flange Gasket	Units 1&2 Electric Fire Pump Building
Units 1 And 2 Service Water Supply Building	HC-ASB-772	Expansion Caulk	Units 1&2 NIDs Service Water Supply Building Exterior
Wastewater Treatment (WWT)	HC-ASB-59 HC-ASB-60 HC-ASB-61 WWT-FP-1A WWT-FP-1B WWT-FP-1C WWT-FP-1D	White Fireproofing	Breaker Room, Control Room 2nd Floor
Wastewater Treatment (WWT)	HC-ASB-62 HC-ASB-63	White Ceiling Tile 2' X 4'	Control Room, 2nd Floor
Wastewater Treatment (WWT)	HC-ASB-64 HC-ASB-65	Tan Vinyl Floor Tile with Black Mastic 12" X 12"	Control Room
Wastewater Treatment (WWT)	HC-ASB-66 HC-ASB-67	Black Cove Base with Adhesive	Control Room

Asbestos Negative Materials			
Project Area / Name	Samples	Material Description	Material Location(s)
Water Filtration Building	HC-ASB-756 HC-ASB-757	White Insulation Exterior Pipe	Throughout
Water Treating Lab	HC-ASB-844 HC-ASB-845	Black, Tan Lab Counter	Water Treatment Lab
Water Treating Lab	HC-ASB-846 HC-ASB-847	White Vinyl Floor Tile with Black Mastic 12" X 12"	Water Treatment Lab
Water Treating Lab	HC-ASB-848 HC-ASB-849	White Ceiling Tile 2' X 4'	Water Treatment Lab
Water Treating Lab	HC-ASB-850 HC-ASB-851 WTL-PL-1A WTL-PL-1B WTL-PL-1C WTL-PL-1D WTL-PL-1E	Grey, White Plaster Ceiling Above Ceiling Tiles	Water Treatment Lab
Water Treating Lab	HC-ASB-853 HC-ASB-854	Tan Vinyl Floor Tile with Black Mastic 12" X 12"	Water Treatment Lab Northwest Corner of The Lab Only
Water Treating Lab	HC-ASB-855 HC-ASB-856	Grey Vinyl Floor Tile with Yellow Adhesive 12" X 12"	Water Treatment Lab Office
Water Treating Lab	HC-ASB-859 HC-ASB-860 HC-ASB-861	Brown Ceiling Glue Pucks	Water Treatment Lab Second Floor
Water Treating Lab	HC-ASB-862	White Insulation Pipe Elbows / Fittings	Water Treatment Lab Second Floor

No Suspect Asbestos Materials Observed

No suspect materials were observed during the survey performed by TRC in the following buildings:

No Suspect Asbestos Materials Observed		
200 Ton Bin	Ash Recycle Pump House	Bin 1
Bin 3	Bin 6	Bin 6 MCC Building
Capital Building	Coal Area MCC 1	Coal Area Office Building
Coal Area Vehicle Maintenance	Unlabeled Building Adjacent to Bin 6 (Lime Slurry Tank Building)	Tanoma Sample Building
Unmarked Building	FGD NID Lime Silos	Coal Conveyor System
Limestone Unloading Building	FGD NID Byproduct Silos	Unit 1 SCR Building
Coal Cleaning Plant Unlabeled Building	Make-Up Pump House	Water Tanks East of Polymer Feed Building
Water Clarification Tent	Water Clarification Storage Facility	Permanent Sludge Press Building
Unit 3 AQC Building	Unit 3 SCR Building	Unit 3 Circulating Building
Storage Area Tent	Primary Crusher House	Unlabeled Building South of Main Crusher Building
Unlabeled Building Coal Truck Receiving Area	Units 1 And 2 Biocide House	Rail Dump House Shed
R-7 Transfer Building	Unit 3 Limestone Transfer Tower	Lift Station #5 Power Building
MCC 25 Building	Conveyor Belt Structure	Rail Coal Car Unloading Building
Secondary Crusher Building	Coal Handling Equipment Building	Main NID Electrical Enclosure
Spare Parts Storage	Shipping And Receiving Building	Unit 3 SCR Building
Rail Dump Spike House	Unit 2 Condensate Pump House	Unit 3 Acid Injection Building
Unit 1 And 2 Circulating Water Building		

Paint Chip Sampling Results

All painted surfaces are assumed to be painted with lead containing paint, and no paint chip samples were collected.

PCB Sampling Results

PCB Results					
Project Area / Name	Sample Number	Location	Description	Quantity	Result (mg/kg)
BIN 4	HC-PCB-06	BIN 4	Expansion Joint Caulk	55 LF	Reporting Limit – 4300 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – 180000 Aroclor 1262 – ND Aroclor 1268 – ND
Cooling Tower 1	HC-PCB-09	Unit 1 Cooling Tower Entrance Door	Caulking	TBD	Reporting Limit – 0.93 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND
Cooling Tower 2	HC-PCB-14	Cooling Tower 2 Stairs	Caulking	TBD	Reporting Limit – 0.93 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND
Cooling Tower 3	HC-PCB-17	Unit 3 Cooling Tower Stairs	Caulking	TBD	Reporting Limit – 0.99 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND

PCB Results					
Project Area / Name	Sample Number	Location	Description	Quantity	Result (mg/kg)
Main Gate Security Building	HC-PCB-04	Floor	Expansion Joint	TBD	Reporting Limit – 0.87 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND
Main Gate Security Building	HC-PCB-07	Throughout Windows	Window Caulking	TBD	Reporting Limit – 0.91 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND
Plant Maintenance Mechanical and Electrical Building	ME-PCB-1	Floor	Floor Expansion Joint	800 LF	Reporting Limit – 0.90 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND
SERT Building	HC-PCB-03	Exterior	Outdoor Panel Caulking	TBD	Reporting Limit – 0.98 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND

PCB Results					
Project Area / Name	Sample Number	Location	Description	Quantity	Result (mg/kg)
Unit 2 Boiler Area	HC-PCB-21	Throughout	Grey Floor Expansion Joint	7000 LF	Reporting Limit – 0.87 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – 0.91 Aroclor 1262 – ND Aroclor 1268 – ND
Unit 3 Acid Injection Building	HC-PCB-05	Unit 3 Acid Injection Building	Expansion Joint Caulk	TBD	Reporting Limit – 0.87 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND
Unit 3 Boiler Area	HC-PCB-10	Economizer Water Pipe	Clear Caulking	TBD	Reporting Limit – 0.89 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND
Unit 3 Boiler Area	HC-PCB-13	Economizer Beams Throughout	Paint	TBD	Reporting Limit – 0.85 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND

PCB Results					
Project Area / Name	Sample Number	Location	Description	Quantity	Result (mg/kg)
Unit 3 Boiler Area	HC-PCB-20	Equipment And Pipes	Red Seal Caulking	2500 LF	Reporting Limit – 0.89 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – 1 Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND
Unit 3 Make Up Booster Pump House	HC-PCB-02	Unit #3 Make-up Booster Pump House	Expansion Caulk	100 LF	Reporting Limit – 0.97 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – 2.9 Aroclor 1262 – ND Aroclor 1268 – ND
Unit 3 Turbine Area	HC-PCB-18	Turbine Ground	Black Floor Expansion Joint	2700 LF	Reporting Limit – 0.97 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – 5 Aroclor 1260 – 1.7 Aroclor 1262 – ND Aroclor 1268 – ND
Unit 3 Turbine Area	HC-PCB-19	Ground On Machinery and Pipes	Red Seal Caulking	TBD	Reporting Limit – 0.91 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND

PCB Results					
Project Area / Name	Sample Number	Location	Description	Quantity	Result (mg/kg)
Units 1 And 2 Service Water Supply Building	HC-PCB-01	Units 1&2 NIDs Service Water Supply Building Exterior	Expansion Caulk	TBD	Reporting Limit – 0.91 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – ND Aroclor 1262 – ND Aroclor 1268 – ND

PCB concentrations were identified above the Toxic Substances Control Act (TSCA) regulated limits in the samples analyzed as detailed in the table above.

RECOMMENDATIONS

Asbestos Inaccessible Suspect Materials / Areas

Suspect asbestos containing materials were identified during the survey which were not sampled. These materials must be sampled by an accredited asbestos inspector prior to any disturbance, or they must be treated as ACM.

Asbestos Containing Materials

Results of laboratory analysis confirmed asbestos was identified within some of the bulk samples collected. Additionally, other materials were reported by the Client as known to contain asbestos as detailed in the tables above. Visual inspection of the thermal system insulation in units 1 and 2 indicated approximately 50% of the ACM pipe insulation has been abated and replaced with non-asbestos containing insulation. The Client also reported that approximately 50% of the refractory in both units 1 and 2 has been abated. The asbestos-containing materials were found to be in good condition at the time of the inspection. Removal of asbestos-containing materials should be performed by a PADEP licensed asbestos abatement contractor, and should be handled, stored, and disposed of according to all local, state, and federal regulations.

Any materials uncovered during renovation or demolition activities that are not addressed in this inspection report, or suspect asbestos containing materials, must be sampled by an accredited asbestos inspector prior to any disturbance, or they must be treated as asbestos containing (ACM).

Lead Containing Paints

All painted surfaces are assumed to be painted with lead containing paint, and no paint chip samples were collected. TRC recommends that any demolition or renovation activities which may disturb painted surfaces be conducted according to the OSHA requirements regarding lead in construction (29 CFR 1926.62).

PCB Containing Paints and Caulks

Results of laboratory analysis detected PCB concentrations above the Toxic Substances Control Act (TSCA) limits within some of the samples collected.

DISCLAIMER

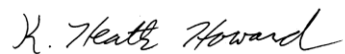
The content presented in this report is based on data collected during the site inspection and survey, review of pertinent regulations, requirements, guidelines and commonly followed industry standards, and information provided by Client, their clients, agents, and representatives.

The work has been conducted in an objective and unbiased manner and in accordance with generally accepted professional practice for this type of work. TRC believes the data and analysis to be accurate and relevant, but cannot accept responsibility for the accuracy or completeness of available documentation or possible withholding of information of other parties.

This limited hazardous materials survey report is designed to aid the property owner, architect, construction manager, general contractor, and asbestos abatement contractor in locating asbestos containing materials, lead containing paints, suspect PCB containing buildings

materials. This report is not intended for, and may not be utilized as, a bidding document or as an abatement project specification document.

Sincerely,
TRC Environmental Corporation



Heath Howard, CIH, CSP
Senior Project Manager



Daniel M. Bruun, CIH
Director, Asbestos, Lead and Construction
Safety

Appendix A – Overall Site Diagram



LEGEND

OVERALL SITE DIAGRAM

Homer City Power Plant
1750 Power Plant Road
Homer City, PA 15748

TRC Project No.: 450190

Drawn by: H. Howard



140 S. Village Avenue
Suite 130
Exton, PA 19341



LEGEND

OVERALL SITE DIAGRAM

Homer City Power Plant
1750 Power Plant Road
Homer City, PA 15748

TRC Project No.: 450190

Drawn by: H. Howard



140 S. Village Avenue
Suite 130
Exton, PA 19341



LEGEND

OVERALL SITE DIAGRAM

Homer City Power Plant
1750 Power Plant Road
Homer City, PA 15748

TRC Project No.: 450190

Drawn by: H. Howard



140 S. Village Avenue
Suite 130
Exton, PA 19341



LEGEND

OVERALL SITE DIAGRAM

Homer City Power Plant
1750 Power Plant Road
Homer City, PA 15748

TRC Project No.: 450190

Drawn by: H. Howard



140 S. Village Avenue
Suite 130
Exton, PA 19341



LEGEND

OVERALL SITE DIAGRAM

Homer City Power Plant
1750 Power Plant Road
Homer City, PA 15748

TRC Project No.: 450190

Drawn by: H. Howard



140 S. Village Avenue
Suite 130
Exton, PA 19341



LEGEND

OVERALL SITE DIAGRAM

Homer City Power Plant
1750 Power Plant Road
Homer City, PA 15748

TRC Project No.: 450190

Drawn by: H. Howard



140 S. Village Avenue
Suite 130
Exton, PA 19341

Appendix B – Representative Photographs

Omitted Due to File Size

Appendix C – Laboratory Results and Chain of Custody



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057732
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: 6AA Building, 1750 Power Plant Road, Homer City, Pa

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-841	6AA exterior	Black Caulking	- - -	ND	None
HC-ASB-842	6AA exterior	Black Caulking	- - -	ND	None
HC-ASB-843	6AA exterior	Black Caulking	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57732

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: 6AA Building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/01/21	HC-ASB-841	Caulking, Black	6AA Exterior	6AA exterior	
10/01/21	HC-ASB-842	Caulking, Black	6AA Exterior	6AA exterior	
10/01/21	HC-ASB-843	Caulking, Black	6AA Exterior	6AA exterior	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print): (Sign): <i>h</i>		10/01/2021 2:44 pm America/New_York	Alicia Katz <i>Alicia Katz</i> 10/11/2021 10:00		
II. (Print): (Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057667
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/07/2021

Site: Administration Buidling, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-721	Second floor women's bathroom.	White plaster, skim coat	---	ND	None
HC-ASB-731	Second floor throughout	White plaster, skim coat	---	ND	None
HC-ASB-732	Second floor throughout	White plaster, skim coat	---	ND	None
HC-ASB-754	West drying room first floor	White plaster, skim coat	---	ND	None
HC-ASB-755	Easy drying room first floor	White plaster, skim coat	---	ND	None
HC-ASB-722	Women's restroom second floor.	LAYER 1 Black mastic	---	3%	Chrysotile
HC-ASB-722		LAYER 2 Tan 12x12 floor tile	---	ND	None
HC-ASB-725	Second floor hallway	LAYER 1 Dark Yellow mastic	---	ND	None
HC-ASB-725		LAYER 2 Tan 12x12 floor tile	---	ND	None
HC-ASB-726	Second floor throughout	LAYER 1 Dark Yellow mastic	---	ND	None
HC-ASB-726		LAYER 2 Tan 12x12 floor tile	---	ND	None
HC-ASB-747	Planning room first floor	LAYER 1 Yellow mastic	---	ND	None
HC-ASB-747		LAYER 2 Tan 12x12 floor tile	---	ND	None
HC-ASB-748	Lunchroom first floor	LAYER 1 Yellow mastic	---	ND	None
HC-ASB-748		LAYER 2 Tan 12x12 floor tile	---	ND	None
HC-ASB-749	Tool room first floor	LAYER 1 Yellow mastic	---	ND	None
HC-ASB-749		LAYER 2 Tan 12x12 floor tile	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
HC-ASB-723	Second floor hallway.	White/Grey ceiling tile, 2' x 2'	30% 60%	cellulose mineral wool	ND	None
HC-ASB-727	Second floor throughout	White/Grey ceiling tile, 2' x 2'	80%	mineral wool	ND	None
HC-ASB-728	Second floor throughout	White/Grey ceiling tile, 2' x 2'	30% 60%	cellulose mineral wool	ND	None
HC-ASB-750	Planning room first floor	White/Grey ceiling tile, 2' x 2'	60% 20%	cellulose mineral wool	ND	None
HC-ASB-751	Took room first floor	White/Grey ceiling tile, 2' x 2'	60% 20%	cellulose mineral wool	ND	None
HC-ASB-753	General locker room first floor	White/Grey ceiling tile, 2' x 2'	30% 60%	cellulose mineral wool	ND	None
HC-ASB-724	Second floor hallway	Tan cove base adhesive		- - -	ND	None
HC-ASB-729	Second floor throughout	Brown/Tan cove base adhesive		- - -	ND	None
HC-ASB-730	Second floor throughout	LAYER 1 Yellow adhesive		- - -	ND	None
HC-ASB-730		LAYER 2 Black cove base		- - -	ND	None
HC-ASB-752	Planning room first floor	LAYER 1 Cream adhesive		- - -	ND	None
HC-ASB-752		LAYER 2 Brown cove base		- - -	ND	None
HC-ASB-733	Second floor hallway	LAYER 1 Yellow mastic		- - -	ND	None
HC-ASB-733		LAYER 2 Grey/White vinyl floor tile, 12" x 12"		- - -	ND	None
HC-ASB-734	Second floor hallway	LAYER 1 Yellow mastic		- - -	ND	None
HC-ASB-734		LAYER 2 Grey/White vinyl floor tile, 12" x 12"		- - -	ND	None
HC-ASB-735	Second floor conference room	LAYER 1 Yellow mastic		- - -	ND	None
HC-ASB-735		LAYER 2 Grey/White vinyl floor tile, 12" x 12"		- - -	ND	None
HC-ASB-736	Small room inside second floor conference room.	Brown linoleum floor	10%	cellulose	80%	Chrysotile
HC-ASB-737	Small room inside second floor conference room.	--		--	NA/PS	--
HC-ASB-738	Small room inside the second floor conference room	Black window sill		- - -	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-739	Small room inside second floor conference room	Black/White window glaze	- - -	3%	Chrysotile
HC-ASB-740	Mechanical and janitor room second floor	LAYER 1 Black mastic	- - -	3%	Chrysotile
HC-ASB-740		LAYER 2 Brown vinyl floor tile, 12" x 12"	- - -	5%	Chrysotile
HC-ASB-741	Mechanical and janitor room second floor	- -	- -	NA/PS	- -
HC-ASB-741		- -	- -	NA/PS	- -
HC-ASB-744	Central/west stairwell	LAYER 1 Black mastic	- - -	10%	Chrysotile
HC-ASB-744		LAYER 2 Brown vinyl floor tile, 12" x 12"	- - -	5%	Chrysotile
HC-ASB-742	Mechanical and janitor room closet above ceiling	White duct insulation	- - -	ND	None
HC-ASB-743	Mechanical and janitor room closet above ceiling	White duct insulation	- - -	ND	None
HC-ASB-745	Second floor conference room	White joint compound	- - -	ND	None
HC-ASB-746	Second floor hallway throughout	LAYER 1 White joint compound	- - -	ND	None
HC-ASB-746		LAYER 2 White/Brown sheetrock	10% cellulose	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Kathleen Williamson, Laboratory Manager

Reviewed by:


Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57667

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller Mobile App: BSI - HAZMAT Survey Requested TAT:	
Project Name: Administration building Homer power plant		Tracking Number:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/29/21	HC-ASB-721	Plaster, Skim Coat, White	Second Floor Women's Bathroom. , Second Floor Hallway. , Second Floor Throughout	Second floor women's bathroom.	
09/29/21	HC-ASB-731	Plaster, Skim Coat, White	Second Floor Women's Bathroom. , Second Floor Hallway. , Second Floor Throughout	Second floor throughout	
09/29/21	HC-ASB-732	Plaster, Skim Coat, White	Second Floor Women's Bathroom. , Second Floor Hallway. , Second Floor Throughout	Second floor throughout	
09/29/21	HC-ASB-754	Plaster, Skim Coat, White	Second Floor Women's Bathroom. , Second Floor Hallway. , Second Floor Throughout	West drying room first floor	
09/29/21	HC-ASB-755	Plaster, Skim Coat, White	Second Floor Women's Bathroom. , Second Floor Hallway. , Second Floor Throughout	Easy drying room first floor	
09/29/21	HC-ASB-722	12x12 floor tile with black mastic. , Tan	Second Floor Women's Restroom, Second Floor Hallway. , First Floor Throughout , Second Floor Throughout	Women's restroom second floor.	
09/29/21	HC-ASB-725	12x12 floor tile with black mastic. , Tan	Second Floor Women's Restroom, Second Floor Hallway. , First Floor Throughout , Second Floor Throughout	Second floor hallway	
09/29/21	HC-ASB-726	12x12 floor tile with black mastic. , Tan	Second Floor Women's Restroom, Second Floor Hallway. , First Floor Throughout , Second Floor Throughout	Second floor throughout	
09/29/21	HC-ASB-747	12x12 floor tile with black mastic. , Tan	Second Floor Women's Restroom, Second Floor Hallway. , First Floor Throughout , Second Floor Throughout	Planning room first floor	
09/29/21	HC-ASB-748	12x12 floor tile with black mastic. , Tan	Second Floor Women's Restroom, Second Floor Hallway. , First Floor Throughout , Second Floor Throughout	Lunchroom first floor	

Km

57667

09/29/21	HC-ASB-749	12x12 floor tile with black mastic. , Tan	Second Floor Women's Restroom. Second Floor Hallway. , First Floor Throughout , Second Floor Throughout	Tool room first floor	
09/29/21	HC-ASB-723	Ceiling Tile, 2' x 2', White	Second Floor Ceiling	Second floor hallway.	
09/29/21	HC-ASB-727	Ceiling Tile, 2' x 2', White	Second Floor Ceiling	Second floor throughout	
09/29/21	HC-ASB-728	Ceiling Tile, 2' x 2', White	Second Floor Ceiling	Second floor throughout	
09/29/21	HC-ASB-750	Ceiling Tile, 2' x 2', White	Second Floor Ceiling	Planning room first floor	
08/29/21	HC-ASB-751	Ceiling Tile, 2' x 2', White	Second Floor Ceiling	Tool room first floor	
09/29/21	HC-ASB-753	Ceiling Tile, 2' x 2', White	Second Floor Ceiling	General locker room first floor	
09/29/21	HC-ASB-724	Cove Base, without Adhesive, Black, Tan	Second Floor Hallway	Second floor hallway	
09/29/21	HC-ASB-729	Cove Base, without Adhesive, Black, Tan	Second Floor Hallway	Second floor throughout	
09/29/21	HC-ASB-730	Cove Base, without Adhesive, Black, Tan	Second Floor Hallway	Second floor throughout	
09/29/21	HC-ASB-752	Cove Base, without Adhesive, Black, Tan	Second Floor Hallway	Planning room first floor	
09/29/21	HC-ASB-733	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey, White	Second Floor Throughout	Second floor hallway	
09/29/21	HC-ASB-734	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey, White	Second Floor Throughout	Second floor hallway	
09/29/21	HC-ASB-735	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey, White	Second Floor Throughout	Second floor conference room	
09/29/21	HC-ASB-736	Linoleum floor, Brown	Small Room In Second Floor Conference Room	Small room inside second floor conference room.	
09/29/21	HC-ASB-737	Linoleum floor, Brown	Small Room In Second Floor Conference Room	Small room inside second floor conference room.	
09/29/21	HC-ASB-738	Window sill , Black	Second Floor Windows In The Small Room Inside The Conference Room.	Small room inside the second floor conference room	
09/29/21	HC-ASB-739	Window glaze, Black, White	Second Floor Small Room Inside Conference Room	Small room inside second	

KW

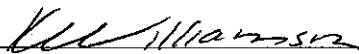
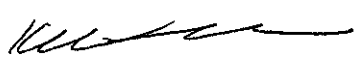
57667

				floor conference room	
09/29/21	HC-ASB-740	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Mechanical And Janitor Room Second Floor , Center/west Stairwell	Mechanical and janitor room second floor	
09/29/21	HC-ASB-741	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Mechanical And Janitor Room Second Floor , Center/west Stairwell	Mechanical and janitor room second floor	
09/29/21	HC-ASB-744	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Mechanical And Janitor Room Second Floor , Center/west Stairwell	Central/west stairwell	
09/29/21	HC-ASB-742	Duct insulation , White	Mechanical And Janitor Room Hallway Above Ceiling	Mechanical and janitor room closet above ceiling	
09/29/21	HC-ASB-743	Duct insulation , White	Mechanical And Janitor Room Hallway Above Ceiling	Mechanical and janitor room closet above ceiling	
09/29/21	HC-ASB-745	Joint compound , White	Second Floor Conference Room	Second floor conference room	
09/29/21	HC-ASB-746	Sheet rock , Brown, White	Second Floor Throughout	Second floor hallway throughout	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print):	09/29/2021 7:48 pm America/New_York		10/4/21
 (Sign):			1000
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 800/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057860
Project #: 450190.0002.0000
Date Received: 10/27/2021
Date Analyzed: 10/28/2021

Site: 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
ADM-FLVCT-1A	Admin Building	LAYER 1 Black mastic	- - -	10%	Chrysotile
ADM-FLVCT-1A		LAYER 2 White 12x12 floor tile	- - -	5%	Chrysotile
ADM-FLVCT-1B	Admin Building	- -	- -	NA/PS	- -
ADM-FLVCT-1B		- -	- -	NA/PS	- -
ADM-FLVCT-1C	Admin Building	- -	- -	NA/PS	- -
ADM-FLVCT-1C		- -	- -	NA/PS	- -

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/28/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907



*Edition: October 2009
Supersedes Previous Edition*

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

[illegible]

Relinquished by: (Signature) 	Date: 10/21/21	Received by: (Signature) 	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Wayne Gibson	Time: 1:50	(Printed) 1500	(Printed)	Time: 1:50	(Printed)
Remarks:	Condition of Samples: _____ Acceptable: Yes ☒ No ☐ Comments: _____				
Page 1 of 1					



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057729
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Alpha Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-929	Alpha building	White Wallboard, Gypsum	10% cellulose	ND	None
HC-ASB-932	Alpha building	White Wallboard, Gypsum	10% cellulose	ND	None
HC-ASB-933	Alpha building hallway	White Wallboard, Gypsum	10% cellulose	ND	None
HC-ASB-931	Alpha building	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 20% mineral wool	ND	None
HC-ASB-930	Alpha building	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 20% mineral wool	ND	None
HC-ASB-934	Alpha building hallway	LAYER 1 Black Mastic	- - -	10%	Chrysotile
HC-ASB-934		LAYER 2 Brown Vinyl Floor Tile, 9" x 9"	- - -	5%	Chrysotile
HC-ASB-935	Alpha building hallway	--	--	NA/PS	--
HC-ASB-935		--	--	NA/PS	--
HC-ASB-936	Alpha building women's bathroom	LAYER 1 Black Mastic	- - -	10%	Chrysotile
HC-ASB-936		LAYER 2 Brown Vinyl Floor Tile, 9" x 9"	- - -	5%	Chrysotile
HC-ASB-937	Alpha building men's restroom	--	--	NA/PS	--
HC-ASB-937		--	--	NA/PS	--

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57729

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer city power generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Alpha building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/05/21	HC-ASB-929	Wallboard, Gypsum with Joint Compound, White	Alpha Building Throughout	Alpha building	
10/05/21	HC-ASB-932	Wallboard, Gypsum with Joint Compound, White	Alpha Building Throughout	Alpha building	
10/05/21	HC-ASB-933	Wallboard, Gypsum with Joint Compound, White	Alpha Building Throughout	Alpha building hallway	
10/05/21	HC-ASB-931	Ceiling Tile, 2' x 4', White	N/A	Alpha building	
10/05/21	HC-ASB-930	Ceiling Tile, 2' x 4', White	N/A	Alpha building	
10/05/21	HC-ASB-934	Vinyl Floor Tile, with Black Mastic, 9" x 9", Brown, Tan, Tan with white and brown streaks, White	Alpha Building Throughout	Alpha building hallway	
10/05/21	HC-ASB-935	Vinyl Floor Tile, with Black Mastic, 9" x 9", Brown, Tan, Tan with white and brown streaks, White	Alpha Building Throughout	Alpha building hallway	
10/05/21	HC-ASB-936	Vinyl Floor Tile, with Black Mastic, 9" x 9", Brown, Brown with tan and white streaks, Tan, White	Alpha Building Bathrooms	Alpha building women's bathroom	
10/05/21	HC-ASB-937	Vinyl Floor Tile, with Black Mastic, 9" x 9", Brown, Brown with tan and white streaks, Tan, White	Alpha Building Bathrooms	Alpha building men's restroom	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
1. (Print):		10/05/2021 4:03 pm America/New_York			

AK

57729

 (Sign):		<i>Lucia Katz</i> 10/11/2021 10:00	
Il. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 800/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057660
Project #: 450190
Date Received: 10/04/2021
Date Analyzed: 10/04/2021

Site: Bin 2 MMC, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-642	See Diagram	White/Grey Ceiling Tile, 1' x 1'	10% cellulose 80% mineral wool	ND	None
HC-ASB-643	See Diagram	White/Grey Ceiling Tile, 1' x 1'	10% cellulose 80% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/04/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57660



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Name:
Bin 2 MCC building

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190

Sampling Technician:
Frank DeLizo, Heath Howard
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:
3 DAY

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-642	Ceiling Tile, 1' x 1', White	Control Room Ceiling	See Diagram	
09/30/21	HC-ASB-643	Ceiling Tile, 1' x 1', White	Control Room Ceiling	See Diagram	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Heath Howard		<i>Heath Howard</i>	10/4/21
(Sign): <i>Heath Howard</i>	09/30/2021 3:43 pm America/New_York	<i>Heath Howard</i>	1000
II. (Print):			
(Sign):			
Email Results To: hhoward@trccompanies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057723
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Bin 4 MCC Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-914	Bin 4 MCC door	Blue/White/Black Caulking	- - -	3%	Chrysotile
HC-ASB-915	Bin 4 MCC door	- -	- -	NA/PS	- -

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

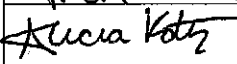
AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

5A23

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:	
Project Name: Bin 4 MCC Building Homer City power plant		Tracking Number:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-914	Caulking, Blue, White	Bin 4 MCC Doors	Bin 4 MCC door	
10/04/21	HC-ASB-915	Caulking, Blue, White	Bin 4 MCC Doors	Bin 4 MCC door	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print): 		10/04/2021 3:33 pm America/New_York	Alicia Katz 		
(Sign):			10/11/2021 10:00		
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057733
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Bin 4, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-923	Bin 4 floor	Black Expansion joint caulk	- - -	ND	None
HC-ASB-924	Bin 4 floor	Black Expansion joint caulk	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

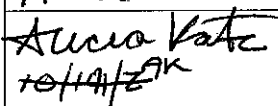
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57733

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:	
Project Name: Bin 4 Homer City power plant		Tracking Number:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/05/21	HC-ASB-923	Expansion joint caulk , Black	Bin 4 Floor	Bin 4 floor	
10/05/21	HC-ASB-924	Expansion joint caulk , Black	Bin 4 Floor	Bin 4 floor	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print): (Sign): 		10/07/2021 4:48 pm America/New_York	Alicia Kate  10/11/21		10/11/2021 10:00
II. (Print): (Sign):					
Email Results To:		Analytical Method: PLM EPA 500/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057861
Project #: 450190.0002.0000
Date Received: 10/27/2021
Date Analyzed: 10/28/2021

Site: 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
BS-FP-1A	Blade Shop	Beige spray on fireproofing	10% cellulose	ND	None
BS-FP-1B	Blade Shop	Beige spray on fireproofing	30% cellulose	ND	None
BS-FP-1C	Blade Shop	Beige spray on fireproofing	10% cellulose	ND	None
BS-FP-1D	Blade Shop	Beige spray on fireproofing	10% cellulose	ND	None
BS-FP-1E	Blade Shop	Beige spray on fireproofing	10% cellulose	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/28/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907



Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

PROJECT NUMBER

450190.0000.0000

PROJECT NAME

HOMER CITY SENIOR

LAB ID # 57861

TURNAROUND TIME

PLM:	8hr	24hr	48hr	3day
TEM:	24hr	48hr	3day	5day

PARAMETERS

PLM EPA 600/R93/116
(POSITIVE STOP)

PLM EPA 600/R93/116
(w/ gravimetric reduction)
(POSITIVE STOP)

ANALYZE BY LAYER

POINT COUNT
(IF >1% & <10%)

TEM NY NOB 198.4
(IF PLM SERIES NEG)

MATERIAL

Sprayed-on Fireproofing.

INSPECTOR

W. Gibson / F. Deliz

TYPE

COMP

GRAB

SAMPLE LOCATION

DATE

TIME

FIELD
SAMPLE
NUMBER

BC-EP-
1A BCDE

10/22/2

X

BLADE SHOP

X

Relinquished by: (Signature)

W. Gibson

Date:

10/24/21

Received by: (Signature)

10/27/21

Relinquished by: (Signature)

W. Gibson

Date:

Time:

Relinquished by: (Signature)

W. Gibson

Date:

Time:

Received by: (Signature)

W. Gibson

Remarks:

Condition of Samples:

Acceptable: Yes ☒ No ☐

Comments:



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057719
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Blade Shop, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-912	Blade shop	White/Beige Fireproofing	20% fibrous glass	ND	None
HC-ASB-913	Blade shop	White/Beige Fireproofing	20% fibrous glass	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

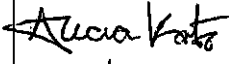
AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57719

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Blade Shop Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-912	Fireproofing, White	Blade Shop Throughout	Blade shop	
10/04/21	HC-ASB-913	Fireproofing, White	Blade Shop Throughout	Blade shop	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
1. (Print):  (Sign):		10/04/2021 2:07 pm America/New_York	Alicia Katz  10/11/2021 10:00		
II. (Print): (Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057666
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Building 8AA, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-86	Roof	Black Roofing, Coating/debris	- - -	ND	None
HC-ASB-87	Roof	Black Roofing, Coating/debris	- - -	ND	None
HC-ASB-88	Roof	Black Roofing, Coating/debris	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "Kathleen Williamson".

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso".

Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

576666

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM		
Client: Homer city power generation		Project Number: 450190 Phase II		
Project Name: Building 8AA		Sampling Technician: Antonio Conde, Dan Bruun, Frank DeLizo Mobile App: BSI - HAZMAT Survey Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT		
ASBESTOS BULK SAMPLE INFORMATION				
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location Lab Identification (Lab Use Only)
09/30/21	HC-ASB-86	Roofing, Coating/debris , Black	N/A	Roof
09/30/21	HC-ASB-87	Roofing, Coating/debris , Black	N/A	Roof
09/30/21	HC-ASB-88	Roofing, Coating/debris , Black	N/A	Roof
Special Instruction to Laboratory: N/A				
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION				
Relinquished By:		Received By:		Date and Time
1. (Print): Antonio Conde				10/4/21
				1000
(Sign):				
II. (Print):				
(Sign):				
Email Results To:		Analytical Method: PLM EPA 800/R-93/116		Lab Comments:



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057671
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Building 8B, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-71	Floor	Black Caulking	60% cellulose	2%	Chrysotile
HC-ASB-72	Floor	--	--	NA/PS	--
HC-ASB-73	Floor	--	--	NA/PS	--
HC-ASB-74	Office window	Green/Grey Caulking	---	ND	None
HC-ASB-75	Back office window	Green/Grey Caulking	---	ND	None
HC-ASB-76	Back office window	Green/Grey Caulking	---	ND	None
HC-ASB-77	Window	Black/Grey Caulking	---	2%	Chrysotile
HC-ASB-78	Window	--	--	NA/PS	--
HC-ASB-79	Window	--	--	NA/PS	--

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57671



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City power generation

Project Name:
Building 8B

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 Phase II

Sampling Technician:
Antonio Conde, Frank DeLizo
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:
PLM Standard TAT / TEM EPA NOB
24 Hour TAT

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-71	Caulking, Black	Throughout	Floor	
09/30/21	HC-ASB-72	Caulking, Black	Throughout	Floor	
09/30/21	HC-ASB-73	Caulking, Black	Throughout	Floor	
09/30/21	HC-ASB-74	Caulking, Green, Grey	Throughout	Office window	
09/30/21	HC-ASB-75	Caulking, Green, Grey	Throughout	Back office window	
09/30/21	HC-ASB-76	Caulking, Green, Grey	Throughout	Back office window	
09/30/21	HC-ASB-77	Caulking, Black	Throughout	Window	
09/30/21	HC-ASB-78	Caulking, Black	Throughout	Window	
09/30/21	HC-ASB-79	Caulking, Black	Throughout	Window	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde		<i>Antonio Conde</i>	10/4/21
	10/01/2021 7:18 am America/New_York	<i>Antonio Conde</i>	1000
(Sign):			

57671

II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		

vw



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057665
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Building 8C, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-83	Floor	Black/Brown Caulking	99% cellulose	ND	None
HC-ASB-84	Floor	Black/Brown Caulking	99% cellulose	ND	None
HC-ASB-85	Floor	Black/Brown Caulking	99% cellulose	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57665

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City power generation		Project Number: 450190 Phase II		Sampling Technician: Antonio Conde, Dan Bruun, Frank DeLizo	
Project Name: Building 8C		Tracking Number:		Mobile App: BSI - HAZMAT Survey Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-83	Caulking, Black, Brown	Throughout	Floor	
09/30/21	HC-ASB-84	Caulking, Black, Brown	Throughout	Floor	
09/30/21	HC-ASB-85	Caulking, Black, Brown	Throughout	Floor	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By: 1. (Print): Antonio Conde		Received By:		Date and Time	
(Sign): 				10/4/21	
10/01/2021 7:17 am America/New_York				1000	
(Sign):					
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057717
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/13/2021

Site: Coal Area Office Unlabeled, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-899	Coal belt wash house	LAYER 1 Black Mastic	- - -	ND	None
HC-ASB-899		LAYER 2 Black Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-900	Coal belt wash house	LAYER 1 Black Mastic	- - -	ND	None
HC-ASB-900		LAYER 2 Black Vinyl Floor Tile, 12" x 12"	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "Kathleen Williamson".

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso".

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57717

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
11231 Cornell Park Drive, Cincinnati, OH 45242		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Client: Homer City Power Generation		Tracking Number:		Requested TAT:	
Project Name: Coal area office unlabeled Homer City power plant					
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-899	Vinyl Floor Tile, with Black Mastic, 12" x 12", Black	Coal Belt Wash House	Coal belt wash house	
10/04/21	HC-ASB-900	Vinyl Floor Tile, with Black Mastic, 12" x 12", Black	Coal Belt Wash House	Coal belt wash house	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print):		10/07/2021 4:57 pm America/New_York	Alicia Kate		
 (Sign):			 10/11/2021 10:00		
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057718
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/13/2021

Site: Coal Area Unlabeled Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-897	Coal maintenance building warehouse entrance	LAYER 1 Black Mastic	- - -	2%	Chrysotile
HC-ASB-897		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-898	Coal maintenance building warehouse entrance	- -	- -	NA/PS	- -
HC-ASB-898		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

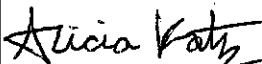
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57718

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Coal area unlabeled building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-897	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Coal Maintenance Building Warehouse Entrance	Coal maintenance building warehouse entrance	
10/04/21	HC-ASB-898	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Coal Maintenance Building Warehouse Entrance	Coal maintenance building warehouse entrance	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print):  (Sign):		10/04/2021 11:13 am America/New_York	Alicia Kate  10/11/2021 10:00		
II. (Print): (Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057721
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Coal Area Unlabeled Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-881	Coal maintenance building lab	White Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-882	Coal maintenance building lab	White Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-883	Coal maintenance building lab	White Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-884	Coal maintenance building lab	LAYER 1 Black Mastic	---	10%	Chrysotile
HC-ASB-884		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-885	Coal maintenance building lab	--	--	NA/PS	--
HC-ASB-885		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-886	Coal maintenance building lab	--	--	NA/PS	--
HC-ASB-886		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-901	Coal maintenance building lab second floor	--	--	NA/PS	--
HC-ASB-901		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-887	coal maintenance building lab oven 1	White/Beige Refractory brick	---	ND	None
HC-ASB-888	coal maintenance building lab oven 2	White/Beige Refractory brick	---	ND	None
HC-ASB-889	coal maintenance building lab- lab top	Black Transite table top	---	20%	Chrysotile
HC-ASB-890	coal maintenance building lab sink	Black Sink Undercoat	---	3%	Chrysotile

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57721

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Coal area unlabeled building Homer city power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-881	Ceiling Tile, 2' x 4', White	Coal Maintenance Building Lab	Coal maintenance building lab	
10/04/21	HC-ASB-882	Ceiling Tile, 2' x 4', White	Coal Maintenance Building Lab	Coal maintenance building lab	
10/04/21	HC-ASB-883	Ceiling Tile, 2' x 4', White	Coal Maintenance Building Lab	Coal maintenance building lab	
10/04/21	HC-ASB-884	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Coal Maintenance Building Lab Throughout	Coal maintenance building lab	
10/04/21	HC-ASB-885	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Coal Maintenance Building Lab Throughout	Coal maintenance building lab	
10/04/21	HC-ASB-886	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Coal Maintenance Building Lab Throughout	Coal maintenance building lab	
10/04/21	HC-ASB-901	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Coal Maintenance Building Lab Throughout	Coal maintenance building lab second floor	
10/04/21	HC-ASB-887	Refractory brick , White	Coal Maintenance Building Lab Ovens	coal maintenance building lab oven 1	
10/04/21	HC-ASB-888	Refractory brick , White	Coal Maintenance Building Lab Ovens	coal maintenance building lab oven 2	

57721

10/04/21	HC-ASB-889	Transite table top , Black	Coal Maintenance Building Lab Table Top	coal maintenance building lab- lab top	
10/04/21	HC-ASB-890	Sink Undercoat, Black	Coal Maintenance Building Lab Sink	coal maintenance building lab sink	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print):		10/04/2021 10:04 am America/New_York	Alicia Kate		
(Sign): h			Alicia Kate 10/11/2021 10:00		
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057722
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Coal Area Unlabeled Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-908	Metal working building second floor	LAYER 1 White Joint Compound	- - -	ND	None
HC-ASB-908		LAYER 2 Grey Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-909	Metal working building second floor	LAYER 1 White Joint Compound	- - -	ND	None
HC-ASB-909		LAYER 2 Grey Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-910	Metal working building second floor	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-911	Metal working building second roof	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

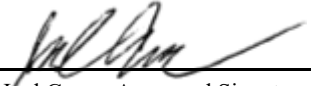
Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by: 
Kathleen Williamson, Laboratory Manager

Reviewed by: 
Joel Corso, Approved Signatory

Date Issued
10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

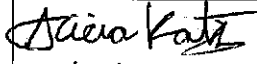
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57722

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Coal area unlabeled building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-908	Wallboard, Gypsum with Joint Compound, Green, White	Metal Working Building Second Floor	Metal working building second floor	
10/04/21	HC-ASB-909	Wallboard, Gypsum with Joint Compound, Green, White	Metal Working Building Second Floor	Metal working building second floor	
10/04/21	HC-ASB-910	Ceiling Tile, 2' x 4', White	Metal Working Building Second Floor	Metal working building second floor	
10/04/21	HC-ASB-911	Ceiling Tile, 2' x 4', White	Metal Working Building Second Floor	Metal working building second floor	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
1. (Print):		10/04/2021 1:45 pm America/New_York	Alicia Kate 		
 (Sign):			10/11/2021 10:00		
II. (Print):					
(Sign):					



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057728
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Coal Area Unlabeled Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
HC-ASB-891	Coal maintenance wash house	Brown Epoxy on floor	---		ND	None
HC-ASB-892	Coal maintenance building wash house	Brown Epoxy on floor	---		ND	None
HC-ASB-893	Coal maintenance building wash house	White Plaster Skim Coat	---		ND	None
HC-ASB-894	Coal maintenance building wash house	White Plaster Skim Coat	---		ND	None
HC-ASB-895	Coal maintenance building wash house	White Plaster Skim Coat	---		ND	None
HC-ASB-896	Coal maintenance building wash house	White Plaster Skim Coat	---		ND	None
HC-ASB-902	Coal maintenance building wash house 2nd floor	Brown/Grey Linoleum	---		80%	Chrysotile
HC-ASB-903	Coal maintenance building wash house 2nd floor	--	--		NA/PS	--
HC-ASB-904	Coal maintenance building wash house 2nd floor	White/Grey Ceiling Tile, 2' x 2'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-905	Coal maintenance building wash house 2nd floor	White/Grey Ceiling Tile, 2' x 2'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-906	Coal maintenance building wash house 2nd floor ladies bathroom	Brown Wallboard, Gypsum	---		ND	None
HC-ASB-907	Coal maintenance building wash house 2nd floor ladies bathroom	Brown Wallboard, Gypsum	---		ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57728

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Coal area unlabeled building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-891	Epoxy on floor, Brown	East Unlabeled Coal Maintenance Building	Coal maintenance wash house	
10/04/21	HC-ASB-892	Epoxy on floor, Brown	East Unlabeled Coal Maintenance Building	Coal maintenance building wash house	
10/04/21	HC-ASB-893	Plaster, Skim Coat, White	Coal Maintenance Building Wash House Entry And Lockers	Coal maintenance building wash house	
10/04/21	HC-ASB-894	Plaster, Skim Coat, White	Coal Maintenance Building Wash House Entry And Lockers	Coal maintenance building wash house	
10/04/21	HC-ASB-895	Plaster, Skim Coat, White	Coal Maintenance Building Wash House Entry And Lockers	Coal maintenance building wash house	
10/04/21	HC-ASB-896	Plaster, Skim Coat, White	Coal Maintenance Building Wash House Entry And Lockers	Coal maintenance building wash house	
10/04/21	HC-ASB-902	Linoleum , Brown, Grey	Coal Maintenance Building Wash House 2nd Floor Throughout	Coal maintenance building wash house 2nd floor	
10/04/21	HC-ASB-903	Linoleum , Brown, Grey	Coal Maintenance Building Wash House 2nd Floor Throughout	Coal maintenance	

AK

57728

				building wash house 2nd floor	
10/04/21	HC-ASB-904	Ceiling Tile, 2' x 2', White	Coal Maintenance Building Wash House 2nd Floor Throughout	Coal maintenance building wash house 2nd floor	
10/04/21	HC-ASB-905	Ceiling Tile, 2' x 2', White	Coal Maintenance Building Wash House 2nd Floor Throughout	Coal maintenance building wash house 2nd floor	
10/04/21	HC-ASB-906	Wallboard, Gypsum with Joint Compound, Brown	Coal Maintenance Building Wash House 2nd Floor Bathrooms	Coal maintenance building wash house 2nd floor ladies bathroom	
10/04/21	HC-ASB-907	Wallboard, Gypsum with Joint Compound, Brown	Coal Maintenance Building Wash House 2nd Floor Bathrooms	Coal maintenance building wash house 2nd floor ladies bathroom	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
1. (Print):		10/04/2021 10:34 am America/New_York	Alicia Katz		
(Sign): 			Alicia Katz		
II. (Print):			10/11/2021 10:00		
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057735
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Coal Handling Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-925	Coal handling building	White/Grey Ceiling Tile, 2' x 2'	20% cellulose 60% mineral wool	ND	None
HC-ASB-926	Coal handling building	White/Grey Ceiling Tile, 2' x 2'	20% cellulose 60% mineral wool	ND	None
HC-ASB-927	Coal handling building men's room	White Plaster, Skim Coat	- - -	ND	None
HC-ASB-928	Coal handling building women's room	White Plaster, Skim Coat	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

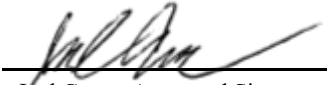
Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by: 
Kathleen Williamson, Laboratory Manager

Reviewed by: 
Joel Corso, Approved Signatory

Date Issued
10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57735

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Coal handling building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/05/21	HC-ASB-925	Ceiling Tile, 2' x 2', White	Coal Handling Building	Coal handling building	
10/05/21	HC-ASB-926	Ceiling Tile, 2' x 2', White	Coal Handling Building	Coal handling building	
10/05/21	HC-ASB-927	Plaster, Skim Coat, White	Coal Handling Building Bathrooms	Coal handling building men's room	
10/05/21	HC-ASB-928	Plaster, Skim Coat, White	Coal Handling Building Bathrooms	Coal handling building women's room	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
1. (Print):		10/04/2021 2:02 pm America/New_York	Alicia Katz		10/11/2021 10:00
(Sign): 			Alicia Katz		
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057656
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/04/2021

Site: Coal Scale Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-630	See Diagram	White Insulation, Wall / Sound	90% fibrous glass	ND	None
HC-ASB-631	See Diagram	White Insulation, Wall / Sound	90% fibrous glass	ND	None
HC-ASB-632	See Diagram	LAYER 1 White/Grey Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None
HC-ASB-632		LAYER 2 Brown Vapor Barrier	60% cellulose	ND	None
HC-ASB-633	See Diagram	LAYER 1 White/Grey Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None
HC-ASB-633		LAYER 2 Brown Vapor Barrier	60% cellulose	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

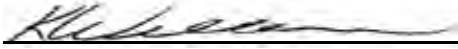
SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by: 
Kathleen Williamson, Laboratory Manager

Reviewed by: 
Joel Corso, Approved Signatory

Date Issued
10/06/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57656

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190		Sampling Technician: Frank DeLizo, Heath Howard Mobile App: BSI - HAZMAT Survey	
Project Name: Coal scale building		Tracking Number:		Requested TAT: 3 DAY	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-630	Insulation, Wall / Sound, White	Throughout Walls	See Diagram	
09/30/21	HC-ASB-631	Insulation, Wall / Sound, White	Throughout Walls	See Diagram	
09/30/21	HC-ASB-632	Ceiling Tile, 2' x 4', White	Throughout Ceiling	See Diagram	
09/30/21	HC-ASB-633	Ceiling Tile, 2' x 4', White	Throughout Ceiling	See Diagram	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print): Heath Howard		[Signature]		10/4/21	
(Sign): [Signature]		09/30/2021 2:44 pm America/New_York		1000	
II. (Print):					
(Sign):					
Email Results To: hhoward@trccompanies.com		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057726
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Coal Yard Vehicle Maintenance, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-878	Coal yard vehicle maintenance building	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-878		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-879	Coal yard vehicle maintenance building	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-879		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-880	Coal yard vehicle maintenance building	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-880		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

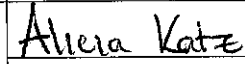
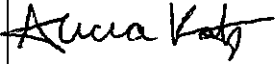
NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052
AZ #A20944 HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57726

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:	
Project Name: Coal yard vehicle maintenance trailer Homer City power plant		Tracking Number:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-878	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	Coal Yard Vehicle Maintenance Building Throughout	Coal yard vehicle maintenance building	
10/04/21	HC-ASB-879	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	Coal Yard Vehicle Maintenance Building Throughout	Coal yard vehicle maintenance building	
10/04/21	HC-ASB-880	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	Coal Yard Vehicle Maintenance Building Throughout	Coal yard vehicle maintenance building	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
1. (Print):		10/04/2021 9:37 am America/New_York			
					
(Sign):			10/11/2021 10:00		
II. (Print):					
(Sign):					



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057750
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/13/2021

Site: Contractor Entrance Security Building, 1750 Power Plant Rd., Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-982	Contractor entrance security building	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-983	Contractor entrance security building	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57750

 11231 Cornell Park Drive, Cincinnati, OH 45242			ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM		
Client: Homer City Power Generation			Project Number: 450190		
Project Name: Contractor Entrance Security Building Homer city power plant			Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:		
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/02/21	HC-ASB-982	Ceiling Tile, 2' x 4', White	Contractor Entrance Security Building	Contractor entrance security building	
10/02/21	HC-ASB-983	Ceiling Tile, 2' x 4', White	Contractor Entrance Security Building	Contractor entrance security building	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:			Received By:		
1. (Print):			Date and Time		
			10/13/2021 10:33		
2. (Sign):			Alicia Katz		
3. (Print):			Alicia Katz		
4. (Sign):					
Email Results To:			Analytical Method: PLM EPA 600/R-93/116		
			Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057738
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Contractor Entrance Security Bldg., 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-865	Contractor Entrance Security Building	White/Grey Ceiling Tile, 2'x4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-866	Contractor Entrance Security Building	White/Grey Ceiling Tile, 2'x4'	10% cellulose 80% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57738

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Contractor Entrance Security Building Homer city power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/02/21	HC-ASB-865	Ceiling Tile, 2' x 4', White	Contractor Entrance Security Building	Contractor entrance security building	
10/02/21	HC-ASB-866	Ceiling Tile, 2' x 4', White	Contractor Entrance Security Building	Contractor entrance security building	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print): 		10/02/2021 9:36 am America/New_York	Alicia Katz 		10/11/2021 10:00
(Sign): II. (Print): (Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057727
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Contractor Lunchroom, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-838	Contractor break room.	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None
HC-ASB-839	Contractor break room	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None
HC-ASB-840	Contractor break room.	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by: 
Kathleen Williamson, Laboratory Manager

Reviewed by: 
Joel Corso, Approved Signatory

Date Issued
10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

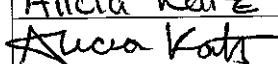
NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052
AZ #A20944 HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57727

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	
11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer city power generation		Project Number: 450190	Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey
Project Name: Contractor lunchroom / coal maintenance building Homer City power plant		Tracking Number:	Requested TAT:
ASBESTOS BULK SAMPLE INFORMATION			
Sample Date	Sample Identification	Material Description	Homogeneous Area
10/01/21	HC-ASB-838	Ceiling Tile, 2' x 4', White	Contractor Break Room
10/01/21	HC-ASB-839	Ceiling Tile, 2' x 4', White	Contractor Break Room
10/01/21	HC-ASB-840	Ceiling Tile, 2' x 4', White	Contractor Break Room
Special Instruction to Laboratory: N/A			
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION			
Relinquished By:	Date and Time	Received By:	Date and Time
I. (Print): 	10/01/2021 2:30 pm America/New_York	Alicia Katz  10/11/2021 10:00	
(Sign): II. (Print): (Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057731
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Contractor Maintenance Shop, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-816	Contractor maintenance shop first floor break room.	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-816		LAYER 2 White Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-817	Contractor maintenance shop first floor break room	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-817		LAYER 2 White Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-818	Contractor maintenance shop first floor break room	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-818		LAYER 2 White Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-819	Contractor maintenance shop first floor break room.	Tan/White Gypsum board ceiling	2% cellulose	ND	None
HC-ASB-820	Contractor maintenance shop first floor break room.	Tan/White Gypsum board ceiling	2% cellulose	ND	None
HC-ASB-821	Contractor maintenance shop first floor break room.	Tan/White Gypsum board ceiling	2% cellulose	ND	None
HC-ASB-822	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-823	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-824	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-825	Contractor maintenance shop first floor break room throughout	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-826	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-827	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-828	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-829	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	5% cellulose 90% mineral wool	ND	None
HC-ASB-830	Contractor maintenance shop second floor break room.	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-830		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	- - -	5%	Chrysotile
HC-ASB-831	Contractor maintenance shop second floor break room	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-831		- -	- -	NA/PS	- -
HC-ASB-832	Contractor maintenance shop second floor break room	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-832		- -	- -	NA/PS	- -

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052
AZ #A20944 HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57731

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Contractor maintenance shop Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/01/21	HC-ASB-816	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Contractor Maintenance Shop First Floor Break Room Throughout	Contractor maintenance shop first floor break room.	
10/01/21	HC-ASB-817	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Contractor Maintenance Shop First Floor Break Room Throughout	Contractor maintenance shop first floor break room.	
10/01/21	HC-ASB-818	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Contractor Maintenance Shop First Floor Break Room Throughout	Contractor maintenance shop first floor break room.	
10/01/21	HC-ASB-819	Gypsum board ceiling , Tan	Contractor Maintenance Shop Throughout First Floor Break Room	Contractor maintenance shop first floor break room.	
10/01/21	HC-ASB-820	Gypsum board ceiling , Tan	Contractor Maintenance Shop Throughout First Floor Break Room	Contractor maintenance shop first floor break room.	
10/01/21	HC-ASB-821	Gypsum board ceiling , Tan	Contractor Maintenance Shop Throughout First Floor Break Room	Contractor maintenance shop first floor break room.	
10/01/21	HC-ASB-822	Ceiling Tile, 2' x 4', White	Contractor Maintenance Shop Throughout First Floor Break Room.	Contractor maintenance shop first floor break room.	
10/01/21	HC-ASB-823	Ceiling Tile, 2' x 4', White	Contractor Maintenance Shop Throughout First Floor Break Room.	Contractor maintenance	

AK

57731

				shop first floor break room	
10/01/21	HC-ASB-824	Ceiling Tile, 2' x 4', White	Contractor Maintenance Shop Throughout First Floor Break Room.	Contractor maintenance shop first floor break room	
10/01/21	HC-ASB-825	Ceiling Tile, 2' x 4', White	Contractor Maintenance Shop First Floor Break Room Throughout	Contractor maintenance shop first floor break room throughout	
10/01/21	HC-ASB-826	Ceiling Tile, 2' x 4', White	Contractor Maintenance Shop First Floor Break Room Throughout	Contractor maintenance shop first floor break room	
10/01/21	HC-ASB-827	Ceiling Tile, 2' x 4', White	Contractor Maintenance Shop First Floor Break Room Throughout	Contractor maintenance shop first floor break room	
10/01/21	HC-ASB-828	Ceiling Tile, 2' x 4', White	Contractor Maintenance Shop First Floor Break Room Throughout	Contractor maintenance shop first floor break room	
10/01/21	HC-ASB-829	Ceiling Tile, 2' x 4', White	Contractor Maintenance Shop First Floor Break Room Throughout	Contractor maintenance shop first floor break room	
10/01/21	HC-ASB-830	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Contractor Maintenance Shop Second Floor Break Room.	Contractor maintenance shop second floor break room.	
10/01/21	HC-ASB-831	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Contractor Maintenance Shop Second Floor Break Room.	Contractor maintenance shop second floor break room	
10/01/21	HC-ASB-832	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	Contractor Maintenance Shop Second Floor Break Room.	Contractor maintenance shop second floor break room	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
------------------	---------------	--------------	---------------

AK

57731

I. (Print):	10/01/2021 11:18 am America/New_York	Alicia Katz	
<i>ke</i>		<i>Alicia Katz</i> 10/14/2021 10:00	
(Sign):			
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 800/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057759
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/15/2021

Site: Cooling Tower 1, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-944	Cooling tower 1 base	Tan Concrete	- - -	ND	None
HC-ASB-945	Cooling tower 1 base overflow	Tan Concrete	- - -	ND	None
HC-ASB-946	Cooling tower 1 stairs	Tan Concrete	- - -	ND	None
HC-ASB-974	Unit 1 cooling tower door	Orange Caulking	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

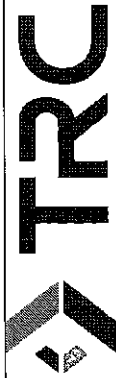
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57759



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer city power generation

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 phase 2

Sampling Technician:
Kyle Miller, Wayne Gibson
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:

Project Name:
Cooling tower 1
Homer city power plant

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/06/21	HC-ASB-944	Concrete, Tan	Cooling Tower 1 Throughout	Cooling tower 1 base	
10/06/21	HC-ASB-945	Concrete, Tan	Cooling Tower 1 Throughout	Cooling tower 1 base overflow	
10/06/21	HC-ASB-946	Concrete, Tan	Cooling Tower 1 Throughout	Cooling tower 1 stairs	
10/08/21	HC-ASB-974	Caulking, Orange	Unit One Cooling Tower Entrance Door	Unit 1 cooling tower door	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print):		Alicia Katz	10/13/2021
(Sign):	10/06/2021 8:36 pm America/New_York	Alicia Katz	11:49
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057758
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/15/2021

Site: Cooling Tower 2, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-941	Cooling tower 2 inside structure support beam	Tan Concrete	- - -	ND	None
HC-ASB-942	Cooling tower 2 exterior	Tan Concrete	- - -	ND	None
HC-ASB-943	Cooling tower 2 base	Tan Concrete	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57758



11231 Cornell Park Drive, Cincinnati, OH 45242

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Client: Homer city power generation	Project Number: 450190 phase 2	Sampling Technician: Kyle Miller, Wayne Gibson
Project Name: Cooling tower 2 Homer City power plant	Tracking Number:	Mobile App: BSI - HAZMAT Survey Requested TAT:

ASBESTOS BULK SAMPLE INFORMATION			
Sample Date	Sample Identification	Material Description	Homogeneous Area
10/06/21	HC-ASB-941	Concrete, Tan	Cooling Tower 2 Throughout
10/06/21	HC-ASB-942	Concrete, Tan	Cooling Tower 2 Throughout
10/06/21	HC-ASB-943	Concrete, Tan	Cooling Tower 2 Throughout
Special Instruction to Laboratory: N/A			

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION			
Relinquished By:	Date and Time	Received By:	Date and Time
I. (Print):		Alicia Katz	10/13/2021
(Sign):	10/06/2021 8:37 pm America/New_York	Alicia Katz	11:47
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057757
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/15/2021

Site: Cooling Tower 3, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-938	Cooling tower 3 inside	Tan Concrete	- - -	ND	None
HC-ASB-939	Cooling tower 3 outside wall	Tan Concrete	- - -	ND	None
HC-ASB-940	Cooling tower 3 base	Tan Concrete	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57757

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Cooling tower 3 Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/06/21	HC-ASB-938	Concrete, Tan	Cooling Tower 3 Throughout	Cooling tower 3 inside	
10/06/21	HC-ASB-939	Concrete, Tan	Cooling Tower 3 Throughout	Cooling tower 3 outside wall	
10/06/21	HC-ASB-940	Concrete, Tan	Cooling Tower 3 Throughout	Cooling tower 3 base	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print):		Alicia Katz		10/13/2021	
 (Sign):		 Alicia Katz		11:46	
2. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057762
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/14/2021

Site: Decommissioned Stack, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-953	Decommissioned stack	Tan Concrete	- - -	ND	None
HC-ASB-954	Decommissioned stack	Tan Concrete	- - -	ND	None
HC-ASB-955	Decommissioned stack	Tan Concrete	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057678
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: FGD Gypsum Dome, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-56	Dome wall	Grey Concrete	- - -	ND	None
HC-ASB-57	At insulation breach	Grey Concrete	- - -	ND	None
HC-ASB-58	Outer dome wall	Grey Concrete	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Handwritten signature of Joel Corso in black ink.
Joel Corso, Laboratory Analyst

Reviewed by:

Handwritten signature of Kathleen Williamson in black ink.
Kathleen Williamson, Laboratory Manager

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

5-7678

11231 Cornell Park Drive, Cincinnati, OH 45242

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Client: Homer City Power Generation	Project Number: 450190 Phase II	Sampling Technician: Antonio Conde, Frank DeLizo Mobile App: BSI - HAZMAT Survey
Project Name: FGD Gypsum Dome	Tracking Number:	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT

ASBESTOS BULK SAMPLE INFORMATION				
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location
09/30/21	HC-ASB-56	Concrete, Grey	Entire Dome	Dome wall
09/30/21	HC-ASB-57	Concrete, Grey	Entire Dome	At insulation breach
09/30/21	HC-ASB-58	Concrete, Grey	Entire Dome	Outer dome wall

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION			
Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde	10/01/2021 7:20 am America/New_York		10/4/21
			1000
(Sign):			
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057664
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Helvetia Scale Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-605	See Diagram	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 10% mineral wool	ND	None
HC-ASB-606	See Diagram	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 10% mineral wool	ND	None
HC-ASB-607	See Diagram	LAYER 1 Yellow Adhesive	---	ND	None
HC-ASB-607		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-608	See Diagram	LAYER 1 Yellow Adhesive	---	ND	None
HC-ASB-608		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-609	See Diagram	LAYER 1 Cream Adhesive	---	ND	None
HC-ASB-609		LAYER 2 Brown Cove Base	---	ND	None
HC-ASB-610	See Diagram	LAYER 1 Cream Adhesive	---	ND	None
HC-ASB-610		LAYER 2 Brown Cove Base	---	ND	None
HC-ASB-611	See Diagram	Grey Concrete floor coating	---	ND	None
HC-ASB-612	See Diagram	Grey Concrete floor coating	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

576664



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Name:
Helvetia scale building

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190

Sampling Technician:
Frank DeLizo, Heath Howard
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:
3 DAY

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-605	Ceiling Tile, 2' x 4', White	Locker Room Area, Front Office Ceiling	See Diagram	
09/30/21	HC-ASB-606	Ceiling Tile, 2' x 4', White	Locker Room Area, Front Office Ceiling	See Diagram	
09/30/21	HC-ASB-607	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Tan	Front Office Floor	See Diagram	
09/30/21	HC-ASB-608	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Tan	Front Office Floor	See Diagram	
09/30/21	HC-ASB-609	Cove Base, with Adhesive, Brown	Front Office Walls, Locker Rooms Walls	See Diagram	
09/30/21	HC-ASB-610	Cove Base, with Adhesive, Brown	Front Office Walls, Locker Rooms Walls	See Diagram	
09/30/21	HC-ASB-611	Concrete floor coating, Grey	Locker Room Area Floor	See Diagram	
09/30/21	HC-ASB-612	Concrete floor coating, Grey	Locker Room Area Floor	See Diagram	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Heath Howard			10/4/21
(Sign): 	09/30/2021 12:00 pm America/New York		1000

Email Results To:
hhoward@trccompanies.com

Analytical Method:
PLM EPA 600/R-93/116

Lab Comments:



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057669
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/07/2021

Site: Waste Treatment Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-781	Industrial waste treatment	Grey Caulking	- - -	ND	None
HC-ASB-782	Industrial waste treatment lower end west entrance toward silo.	Grey Caulking	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

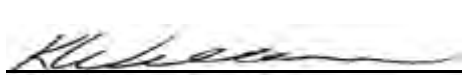
Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Kathleen Williamson, Laboratory Manager

Reviewed by:


Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

576669

 11231 Cornell Park Drive, Cincinnati, OH 45242			ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM		
Client: Homer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Industrial waste treatment building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-781	Caulking, Grey	Industrial Waste Treatment Upstairs Room.	Industrial waste treatment	
09/30/21	HC-ASB-782	Caulking, Grey	Industrial Waste Treatment Upstairs Room.	Industrial waste treatment lower end west entrance toward silo.	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print):		10/01/2021 7:05 am America/New_York		10/4/21 1000	
(Sign):		<i>[Signature]</i>			
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057668
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/04/2021

Site: Main Gate Security Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-40	TV room	LAYER 1 Cream Adhesive	---	ND	None
HC-ASB-40		LAYER 2 Grey Cove Base	---	ND	None
HC-ASB-41	Back room	LAYER 1 Cream Adhesive	---	ND	None
HC-ASB-41		LAYER 2 Grey Cove Base	---	ND	None
HC-ASB-42	Back room	LAYER 1 Cream Adhesive	---	ND	None
HC-ASB-42		LAYER 2 Grey Cove Base	---	ND	None
HC-ASB-43	Back room	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-44	Back room	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-45	Restroom	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-46	Back room	White Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-47	Restroom	White Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-48	North exterior wall	Black Caulking	---	ND	None
HC-ASB-49	North exterior wall	Black Caulking	---	ND	None
HC-ASB-50	South exterior wall	Black Caulking	---	ND	None
HC-ASB-51	West exterior wall	Tan Caulking	---	ND	None
HC-ASB-52	South exterior wall	Tan Caulking	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-53	South exterior wall	Tan Caulking	- - -	ND	None
HC-ASB-54	South exterior wall	Grey Caulking	- - -	ND	None
HC-ASB-55	South exterior wall	Grey Caulking	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

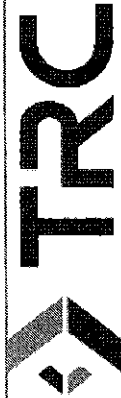
AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57668



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Name:
Main Gate Security Building

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 Phase II

Sampling Technician:

Mobile App: BSI - HAZMAT Survey

Requested TAT:

PLM Standard TAT / TEM EPA NOB
24 Hour TAT

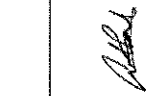
Tracking Number:

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/29/21	HC-ASB-40	Cove Base, with Adhesive, Grey	Throughout Building	TV room	
09/29/21	HC-ASB-41	Cove Base, with Adhesive, Grey	Throughout Building	Back room	
09/29/21	HC-ASB-42	Cove Base, with Adhesive, Grey	Throughout Building	Back room	
09/29/21	HC-ASB-43	Ceiling Tile, 2' x 4', White	Throughout Building	Back room	
09/29/21	HC-ASB-44	Ceiling Tile, 2' x 4', White	Throughout Building	Back room	
09/29/21	HC-ASB-45	Ceiling Tile, 2' x 4', White	Throughout Building	Restroom	
09/29/21	HC-ASB-46	Wallboard, Gypsum, White	Throughout Building	Back room	
09/29/21	HC-ASB-47	Wallboard, Gypsum, White	Throughout Building	Restroom	
09/29/21	HC-ASB-48	Caulking, Black	Exterior Of Building	North exterior wall	
09/29/21	HC-ASB-49	Caulking, Black	Exterior Of Building	North exterior wall	
09/29/21	HC-ASB-50	Caulking, Black	Exterior Of Building	South exterior wall	
09/29/21	HC-ASB-51	Caulking, Tan	Exterior Of Building	West exterior wall	
09/29/21	HC-ASB-52	Caulking, Tan	Exterior Of Building	South exterior wall	
09/29/21	HC-ASB-53	Caulking, Tan	Exterior Of Building	South exterior wall	
09/29/21	HC-ASB-54	Caulking, Grey	Exterior Of Building	South exterior wall	

km

57668

09/29/21	HC-ASB-55	Caulking, Grey	Exterior Of Building	South exterior wall
Special Instruction to Laboratory: N/A				
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION				
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde		09/29/2021 6:28 pm America/New_York		10/4/21
II. (Print):				1000
(Sign):				
Email Results To: aconde@trccompanies.com		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057720
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Main Security Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-867	Main security building	Grey Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-868	Main security building	Grey Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-870	Main security building	White/Tan Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-871	Main security building	White/Tan Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-872	Main security building	White/Tan Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-869	Main security building	Brown/Tan Linoleum	30% cellulose 10% synthetic fiber	ND	None
HC-ASB-873	Main security building	Brown/Tan Linoleum	30% cellulose 10% synthetic fiber	ND	None
HC-ASB-874	Main security building exterior door	Black Caulking	- - -	ND	None
HC-ASB-875	Main security building	Black Slate window sill	- - -	ND	None
HC-ASB-876	Main security building	Black Slate window sill	- - -	ND	None
HC-ASB-877	Main security building windows	Brown-Grey Caulking	- - -	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57720

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Main security building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/02/21	HC-ASB-867	Wallboard, Gypsum with Joint Compound, White	Main Security Building Throughout	Main security building	
10/02/21	HC-ASB-868	Wallboard, Gypsum with Joint Compound, White	Main Security Building Throughout	Main security building	
10/02/21	HC-ASB-870	Ceiling Tile, 2' x 4', Tan	Main Security Building	Main security building	
10/02/21	HC-ASB-871	Ceiling Tile, 2' x 4', Tan	Main Security Building	Main security building	
10/02/21	HC-ASB-872	Ceiling Tile, 2' x 4', Tan	Main Security Building	Main security building	
10/02/21	HC-ASB-869	Linoleum , Brown, Tan	Main Security Building	Main security building	
10/02/21	HC-ASB-873	Linoleum , Brown, Tan	Main Security Building	Main security building	
10/02/21	HC-ASB-874	Caulking, Black	Main Security Building Exterior Doors	Main security building exterior door	
10/02/21	HC-ASB-875	Slate window sill, Black	Main Security Building	Main security building	
10/02/21	HC-ASB-876	Slate window sill, Black	Main Security Building	Main security building	
10/02/21	HC-ASB-877	Caulking	Main Security Building Windows	Main security building windows	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time		Received By:	
				Date and Time	

57720

1. (Print):		Alicia Katz	
	10/02/2021 10:12 am America/New_York	Alicia Katz	
(Sign): 		10/11/2021 10:00	
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057662
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: MCC 2 Silo Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-636	See Diagram	Silver/Black Coating	- - -	10%	Chrysotile
HC-ASB-637	See Diagram	- -	- -	NA/PS	- -
HC-ASB-638	See Diagram	Dark Grey Textured coating	- - -	10%	Chrysotile
HC-ASB-639	See Diagram	- -	- -	NA/PS	- -
HC-ASB-640	See Diagram	Black Mastic	5% cellulose	10%	Chrysotile
HC-ASB-641	See Diagram	- -	- -	NA/PS	- -

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Kathleen Williamson, Laboratory Manager

Reviewed by:


Joel Corso, Approved Signatory

Date Issued

10/07/2021

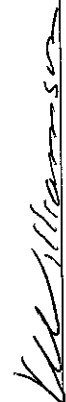
TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

576062

 11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Project Name: MCC 2 Silo building		Project Number: 450190		Sampling Technician: Frank DeLizo, Heath Howard Mobile App: BSI - HAZMAT Survey	
		Tracking Number:		Requested TAT: 3 DAY	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-636	Coating, Silver	Rooftop Mechanical Equipment	See Diagram	
09/30/21	HC-ASB-637	Coating, Silver	Rooftop Mechanical Equipment	See Diagram	
09/30/21	HC-ASB-638	Textured coating, Grey	Roof Mechanical Equipment	See Diagram	
09/30/21	HC-ASB-639	Textured coating, Grey	Roof Mechanical Equipment	See Diagram	
09/30/21	HC-ASB-640	Mastic, Black	Rooftop Mechanical Equipment	See Diagram	
09/30/21	HC-ASB-641	Mastic, Black	Rooftop Mechanical Equipment	See Diagram	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print): Heath Howard (Sign): 		 		10/4/21 1000	
II. (Print): (Sign):					
Email Results To: hhoward@trccompanies.com		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057858
Project #: 450190.0002.0000
Date Received: 10/27/2021
Date Analyzed: 10/28/2021

Site: 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
ME-EXPJ-1A	Maintenance Mechanical Electrical Building	Grey/Brown expansion joint caulk	60% cellulose	ND	None
ME-EXPJ-1B	Maintenance Mechanical Electrical Building	Grey expansion joint caulk	- - -	ND	None
ME-EXPJ-1C	Maintenance Mechanical Electrical Building	Brown expansion joint caulk	90% cellulose	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/28/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersedes Previous Edition

PROJECT NUMBER 450 190.0000		PROJECT NAME Hamerscity Gar PCT		LAB ID #. 57858	
INSPECTOR 		INSPECTOR Gibson		TURNAROUND TIME	
SIGNATURE 		SAMPLE LOCATION Mant Mechanical Electrical Bldg		PLM: 8hr	48hr
FIELD SAMPLE NUMBER MS EXP-10434 MS EXP-1183		DATE 10/23/10	TIME 1500	TEM: 24hr	48hr
TYPE COMP		GRAB	PLM EPA 600/R93/116 (POSITIVE STOP)	3day	5day
MATERIAL		PARAMETERS			
		ANALYZE BY LAYER			
		POINT COUNT			
		TEM NY NOB 198.4			
		EXPANSION Joint Caulk			

Relinquished by: (Signature) 	Date: 10/23/10	Received by: (Signature) 	Date: 10/27/10
(Printed) Wiley	Time: 1500	(Printed) Wiley	Time: 1500
Remarks:		Condition of Samples: Acceptable: Yes ☒ No ☐	
		Comments:	
		Page 1 of 1	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057737
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Preventative Mainenance Bldg., 1750 Power Plant Rd Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-916	Preventative maintenance building office	LAYER 1 Black Mastic	---	ND	None
HC-ASB-916		LAYER 2 White Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-917	Preventative maintenance building office	LAYER 1 Black Mastic	---	ND	None
HC-ASB-917		LAYER 2 White Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-918	Preventative maintenance building office above ceiling tiles	White Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-919	Preventative maintenance building office above ceiling tiles	White Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-921	Preventative maintenance building office closet	White Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-922	Preventative maintenance building store room	White Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-920	Preventative maintenance building office above ceiling tile	Tan Adhesive	10% cellulose	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57737

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Preventative maintenance building Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/05/21	HC-ASB-916	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Preventative Maintenance Building Office	Preventative maintenance building office	
10/05/21	HC-ASB-917	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Preventative Maintenance Building Office	Preventative maintenance building office	
10/05/21	HC-ASB-918	Wallboard, Gypsum, White	Preventative Maintenance Building Office Above Ceiling Tile	Preventative maintenance building office above ceiling tiles	
10/05/21	HC-ASB-919	Wallboard, Gypsum, White	Preventative Maintenance Building Office Above Ceiling Tile	Preventative maintenance building office above ceiling tiles	
10/05/21	HC-ASB-921	Wallboard, Gypsum, White	Preventative Maintenance Building Office Above Ceiling Tile	Preventative maintenance building office closet	
10/05/21	HC-ASB-922	Wallboard, Gypsum, White	Preventative Maintenance Building Office Above Ceiling Tile	Preventative maintenance building store room	
10/05/21	HC-ASB-920	Adhesive, Tan	Preventative Maintenance Building Office Above Ceiling Tile	Preventative maintenance building office above ceiling tile	
10/05/21		Adhesive, Tan	Preventative Maintenance Building Office Above Ceiling Tile	Preventative maintenance	

				building office above ceiling tile	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print):		10/05/2021 9:00 am America/New_York			
 (Sign):					
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057655
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/04/2021

Site: R & L Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-613	See Diagram	White Textured wall coating	- - -	ND	None
HC-ASB-614	See Diagram	White Textured wall coating	- - -	ND	None
HC-ASB-615	See Diagram	LAYER 1 Yellow Adhesive	- - -	ND	None
HC-ASB-615		LAYER 2 Black Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-616	See Diagram	LAYER 1 Yellow Adhesive	- - -	ND	None
HC-ASB-616		LAYER 2 Black Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-617	See Diagram	LAYER 1 Yellow Adhesive	- - -	ND	None
HC-ASB-617		LAYER 2 Grey Cove Base	- - -	ND	None
HC-ASB-618	See Diagram	LAYER 1 Yellow Adhesive	- - -	ND	None
HC-ASB-618		LAYER 2 Grey Cove Base	- - -	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/06/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57655

 11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation R&L Building			ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM		
Project Name: R&L Building			Project Number: 450190		
Tracking Number:			Sampling Technician: Frank DeLizo, Heath Howard Mobile App: BSI - HAZMAT Survey Requested TAT: 3 DAY		
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-613	Textured wall coating, White	Development Office Walls	See Diagram	
09/30/21	HC-ASB-614	Textured wall coating, White	Development Office Walls	See Diagram	
09/30/21	HC-ASB-615	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Black	Development Office Floor	See Diagram	
09/30/21	HC-ASB-616	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Black	Development Office Floor	See Diagram	
09/30/21	HC-ASB-617	Cove Base, with Adhesive, Grey	Development Office Walls	See Diagram	
09/30/21	HC-ASB-618	Cove Base, with Adhesive, Grey	Development Office Walls	See Diagram	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
I. (Print): Heath Howard		 		10/4/21 1000	
(Sign):		09/30/2021 12:26 pm America/New_York			
					
II. (Print):					
(Sign):					
Email Results To: hhoward@trccompanies.com		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057862
Project #: 450190.0002.0000
Date Received: 10/27/2021
Date Analyzed: 10/28/2021

Site: 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
RL-TWC-1A	RL	White textured wall paint	- - -	ND	None
RL-TWC-1B	RL	White textured wall paint	- - -	ND	None
RL-TWC-1C	RL	White textured wall paint	- - -	ND	None
RL-TWC-1D	RL	Off White textured wall paint	- - -	ND	None
RL-TWC-1E	RL	Off White textured wall paint	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/28/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907



Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

PROJECT NUMBER

450190.0000.0000

PROJECT NAME

HOMER CITY SENIOR

INSPECTOR

SIGNATURE

[Signature]

W. GIBSON

F. DELER

PARAMETERS

PLM EPA 600/R93/116
(POSITIVE STOP)

PLM EPA 600/R93/116
(w/ gravimetric reduction)
(POSITIVE STOP)

ANALYZE BY LAYER

POINT COUNT
(IF >1% & <10%)

TEM NY NOB 198.4
(IF PLM SERIES NEG)

LAB ID #

57862

TURNAROUND TIME

PLM:	8hr	24hr	48hr	3day
TEM:	24hr	48hr	3day	5day

MATERIAL

Textured wall paint

Reinquished by: (Signature)

Date:

10/23/21

Received by: (Signature)

10/27/21

Reinquished by: (Signature)

Date:

Received by: (Signature)

(Printed)

W. GIBSON

Time:

(Printed)

1500

(Printed)

Time:

(Printed)

Remarks:

Condition of Samples:

Acceptable: Yes ☒ No ☐

Comments:

Page 1 of 1



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057657
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/04/2021

Site: Rail Dump MMC Building 1 & 3, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-601	See Diagram	Grey Caulking	- - -	2%	Chrysotile
HC-ASB-602	See Diagram	- -	- -	NA/PS	- -
HC-ASB-603	See Diagram	Black Coating on concrete floor	- - -	ND	None
HC-ASB-604	See Diagram	Black Coating on concrete floor	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/04/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57657



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Name:
Rail dump MCC 1&3 building

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:

Sampling Technician:
Frank DeLizo, Heath Howard
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:
3 DAY

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-601	Caulking, Grey	Exterior Windows	See Diagram	
09/30/21	HC-ASB-602	Caulking, Grey	Exterior Windows	See Diagram	
09/30/21	HC-ASB-603	Coating on concrete floor, Black	Throughout Floor	See Diagram	
09/30/21	HC-ASB-604	Coating on concrete floor, Black	Throughout Floor	See Diagram	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Heath Howard			
(Sign):	09/30/2021 11:29 am America/New_York		10/4/21 1000
II. (Print):			
(Sign):			
Email Results To: hhoward@trccompanies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057675
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: RCRA Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-779	R.C.R.A building	White Pipe end sealant on fiber glass insulation	40% mineral wool	ND	None
HC-ASB-780	RCRA Building caustic tank	Grey Caustic soda tank and cap	40% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Joel Corso, Laboratory Analyst

Reviewed by:

Kathleen Williamson, Laboratory Manager

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57675

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: RCRA building Homer city power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-779	Pipe end sealant on fiber glass insulation , White	RCRA Building	R.C.R.A building	
09/30/21	HC-ASB-780	Caustic soda tank and cap , Grey	RCRA Building Caustic Tank	RCRA Building caustic tank	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:			Received By:		
1. (Print):			Date and Time		
<i>64</i>			<i>10/4/21</i> <i>1000</i>		
(Sign):			<i>W. Miller</i>		
II. (Print):			<i>W. Miller</i>		
(Sign):					
Email Results To:			Analytical Method: PLM/EPA 600/R-93/116		
			Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057679
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: SERT Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-01	Office spaces	Tan Sheet Flooring, without Adhesive	---	80%	Chrysotile
HC-ASB-02	Breaker Room	--	--	NA/PS	--
HC-ASB-03	Maintenance training area hallway, near women's restroom	--	--	NA/PS	--
HC-ASB-04	Office spaces, front desk	LAYER 1 White Adhesive	---	ND	None
HC-ASB-04		LAYER 2 Brown/Grey Vinyl Floor Tile, 18"x18"	---	ND	None
HC-ASB-05	Office spaces, front desk	LAYER 1 White Adhesive	---	ND	None
HC-ASB-05		LAYER 2 Brown/Grey Vinyl Floor Tile, 18"x18"	---	ND	None
HC-ASB-06	Maintenance training area hallway, outside office spaces	LAYER 1 Yellow Adhesive	---	ND	None
HC-ASB-06		LAYER 2 Brown Vinyl Floor Tile, 12"x12"	---	ND	None
HC-ASB-06		LAYER 3 Tan Adhesive	---	ND	None
HC-ASB-06		LAYER 4 White Vinyl Floor Tile, 12"x12"	---	ND	None
HC-ASB-07	Maintenance training area hallway, near women's restroom	LAYER 1 Yellow Adhesive	---	ND	None
HC-ASB-07		LAYER 2 Brown Vinyl Floor Tile, 12"x12"	---	ND	None
HC-ASB-07		LAYER 3 Tan Adhesive	---	ND	None
HC-ASB-07		LAYER 4 White Vinyl Floor Tile, 12"x12"	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-08	Maintenance training area, near double door	LAYER 1 Yellow Adhesive	- - -	ND	None
HC-ASB-08		LAYER 2 Brown Vinyl Floor Tile, 12"x12"	- - -	ND	None
HC-ASB-08		LAYER 3 Tan Adhesive	- - -	ND	None
HC-ASB-08		LAYER 4 White Vinyl Floor Tile, 12"x12"	- - -	ND	None
HC-ASB-09	Office spaces	Yellow Adhesive	- - -	ND	None
HC-ASB-10	Maintenance training area hallway, near office spaces	Yellow Adhesive	- - -	ND	None
HC-ASB-11	Maintenance training area hallway, near lunch room door	Yellow Adhesive	- - -	ND	None
HC-ASB-12	Meeting room, office spaces	Tan Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-13	Maintenance training area hallway, near lunch room door	Tan Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-14	Mechanical maintenance training room	Tan Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-15	Front desk, office spaces	White Joint Compound	- - -	ND	None
HC-ASB-16	E&I training Room, SERT building	White Joint Compound	- - -	ND	None
HC-ASB-17	Mechanical maintenance training room	White Joint Compound	- - -	ND	None
HC-ASB-18	Office spaces, near meeting room	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None
HC-ASB-19	Office spaces, near front desk	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None
HC-ASB-20	Maintenance training area hallway, near women's restroom	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None
HC-ASB-21	Main breezeway, maintenance training area hallway	White/Grey Ceiling Tile, 2' x 2'	80% mineral wool	ND	None
HC-ASB-22	Main breezeway, maintenance training area hallway	White/Grey Ceiling Tile, 2' x 2'	80% mineral wool	ND	None
HC-ASB-23	Main breezeway, maintenance training area hallway	White/Grey Ceiling Tile, 2' x 2'	80% mineral wool	ND	None
HC-ASB-24	Maintenance training area	White/Beige Ceiling Tile, 2' x 2'	40% cellulose 40% mineral wool	ND	None
HC-ASB-25	maintenance training area	White/Beige Ceiling Tile, 2' x 2'	40% cellulose 40% mineral wool	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122
VT #AL910359 LA#05011
PHIL# 461

CT #PH-0426
VA #3333 000283
PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-26	maintenance training area	White/Beige Ceiling Tile, 2' x 2'	40% cellulose 40% mineral wool	ND	None
HC-ASB-27	Copier cubicle, office spaces	LAYER 1 Yellow Adhesive	---	ND	None
HC-ASB-27		LAYER 2 Peach/Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-28	Copier cubicle, office spaces	LAYER 1 Yellow Adhesive	---	ND	None
HC-ASB-28		LAYER 2 Peach/Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-29	Office space, above ceiling tile	Black Caulking	---	30%	Chrysotile
HC-ASB-30	Office space, above ceiling tile	Tan Caulking	---	20%	Chrysotile
HC-ASB-31	Conference kitchenette	Blue Floor epoxy	---	ND	None
HC-ASB-32	Conference kitchenette	Blue Floor epoxy	---	ND	None
HC-ASB-33	Conference kitchenette	Blue Floor epoxy	---	ND	None
HC-ASB-34	Medical area	Grey Floor epoxy	---	ND	None
HC-ASB-35	Medical area	Grey Floor epoxy	---	ND	None
HC-ASB-36	Medical area	Grey Floor epoxy	---	ND	None
HC-ASB-37	Outside SERT entrance	Grey/White Caulking	---	ND	None
HC-ASB-38	Outside SERT building	Grey/White Caulking	---	ND	None
HC-ASB-39	Outside SERT entrance	Grey/White Caulking	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57679



11231 Cornell Park Drive, Cincinnati, OH 45242

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Client: Homer City Power Generation		Project Number: <i>450190 Phase II</i>		Sampling Technician: Mobile App: BSI - HAZMAT Survey Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT	
Project Name: SERT Building		Tracking Number:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/29/21	HC-ASB-01	Sheet Flooring, without Adhesive, Tan	Office Spaces, Breaker Room, Maintenance Training Area Hallway Near Women's Restroom	Office spaces	
09/29/21	HC-ASB-02	Sheet Flooring, without Adhesive, Tan	Office Spaces, Breaker Room, Maintenance Training Area Hallway Near Women's Restroom	Breaker Room	
09/29/21	HC-ASB-03	Sheet Flooring, without Adhesive, Tan	Office Spaces, Breaker Room, Maintenance Training Area Hallway Near Women's Restroom	Maintenance training area hallway, near women's restroom	
09/29/21	HC-ASB-04	Vinyl Floor Tile, with White Adhesive, 18"x18", Black, Brown, Tan	Office Spaces	Office spaces, front desk	
09/29/21	HC-ASB-05	Vinyl Floor Tile, with White Adhesive, 18"x18", Black, Brown, Tan	Office Spaces	Office spaces, front desk	
09/29/21	HC-ASB-06	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Brown, White	Maintenance Training Area Hallway	Maintenance training area hallway, outside office spaces	
09/29/21	HC-ASB-07	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Brown, White	Maintenance Training Area Hallway	Maintenance training area hallway, near women's restroom	
09/29/21	HC-ASB-08	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Brown, White	Maintenance Training Area Hallway	Maintenance training area, near double door	
09/29/21	HC-ASB-09	Adhesive, Yellow	Throughout SERT Building	Office spaces	

ku



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057670
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/07/2021

Site: Storage Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-80	Window	White Caulking	- - -	2%	Chrysotile
HC-ASB-81	Window	- -	- -	NA/PS	- -
HC-ASB-82	Window	- -	- -	NA/PS	- -

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

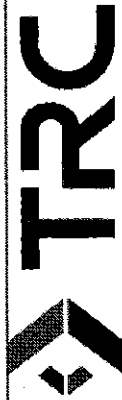
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57670



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer city power generation

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 Phase II

Sampling Technician:
Antonio Conde, Dan Bruun, Frank DeLizo

Project Name:
Storage building

Tracking Number:

Mobile App: BSI - HAZMAT Survey
Requested TAT:
PLM Standard TAT / TEM EPA NOB
24 Hour TAT

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-80	Caulking, White	Exterior	Window	
09/30/21	HC-ASB-81	Caulking, White	Exterior	Window	
09/30/21	HC-ASB-82	Caulking, White	Exterior	Window	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde			10/4/21
	10/01/2021 7:18 am America/New_York		1000
(Sign):			
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	

09/29/21	HC-ASB-10	Adhesive, Yellow	Throughout SERT Building	Maintenance training area hallway, near office spaces
09/29/21	HC-ASB-11	Adhesive, Yellow	Throughout SERT Building	Maintenance training area hallway, near lunch room door
09/29/21	HC-ASB-12	Wallboard, Gypsum, Tan	Throughout SERT Building	Meeting room, office spaces
09/29/21	HC-ASB-13	Wallboard, Gypsum, Tan	Throughout SERT Building	Maintenance training area hallway, near lunch room door
09/29/21	HC-ASB-14	Wallboard, Gypsum, Tan	Throughout SERT Building	Mechanical maintenance training room
09/29/21	HC-ASB-15	Wallboard, Joint Compound, White	Throughout SERT Building	Front desk, office spaces
09/29/21	HC-ASB-16	Wallboard, Joint Compound, White	Throughout SERT Building	E&I training Room, SERT building
09/29/21	HC-ASB-17	Wallboard, Joint Compound, White	Throughout SERT Building	Mechanical maintenance training room
09/29/21	HC-ASB-18	Ceiling Tile, 2' x 4', White	Office Spaces, Maintenance Training Area Hallway	Office spaces, near meeting room
09/29/21	HC-ASB-19	Ceiling Tile, 2' x 4', White	Office Spaces, Maintenance Training Area Hallway	Office spaces, near front desk
09/29/21	HC-ASB-20	Ceiling Tile, 2' x 4', White	Office Spaces, Maintenance Training Area Hallway	Maintenance training area hallway, near women's restroom
09/29/21	HC-ASB-21	Ceiling Tile, 2' x 2', White	Maintenance Training Area Hallway, Main Door	Main breezeway, maintenance training area hallway
09/29/21	HC-ASB-22	Ceiling Tile, 2' x 2', White	Maintenance Training Area Hallway, Main Door	Main breezeway, maintenance training area hallway

57679

09/29/21	HC-ASB-23	Ceiling Tile, 2' x 2', White	Maintenance Training Area Hallway, Main Door	Main breezeway, maintenance training area hallway
09/29/21	HC-ASB-24	Ceiling Tile, 2' x 2', White	Maintenance Training Area	Maintenance training area
09/29/21	HC-ASB-25	Ceiling Tile, 2' x 2', White	Maintenance Training Area	maintenance training area
09/29/21	HC-ASB-26	Ceiling Tile, 2' x 2', White	Maintenance Training Area	maintenance training area
09/29/21	HC-ASB-27	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Peach/tan	Office Spaces	Copier cubicle, office spaces
09/29/21	HC-ASB-28	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Peach/tan	Office Spaces	Copier cubicle, office spaces
09/29/21	HC-ASB-29	Caulking, Black	Office Spaces	Office space, above ceiling tile
09/29/21	HC-ASB-30	Caulking, Tan	Office Spaces	Office space, above ceiling tile
09/29/21	HC-ASB-31	Floor epoxy, Blue	Conference/kitchenette Area	Conference kitchenette
09/29/21	HC-ASB-32	Floor epoxy, Blue	Conference/kitchenette Area	Conference kitchenette
09/29/21	HC-ASB-33	Floor epoxy, Blue	Conference/kitchenette Area	Conference kitchenette
09/29/21	HC-ASB-34	Floor epoxy, Grey	Medical Area	Medical area
09/29/21	HC-ASB-35	Floor epoxy, Grey	Medical Area	Medical area
09/29/21	HC-ASB-36	Floor epoxy, Grey	Medical Area	Medical area
09/29/21	HC-ASB-37	Caulking, Grey, White	Outside Of Building	Outside SERT entrance
09/29/21	HC-ASB-38	Caulking, Grey, White	Outside Of Building	Outside SERT building
09/29/21	HC-ASB-39	Caulking, Grey, White	Outside Of Building	Outside SERT entrance

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print) Antonio Conde	09/29/2021 6:10 pm America/New_York	<i>V Williamson</i>	10/4/21 1000

W

57679

				
(Sign):				
II. (Print):				
(Sign):				
Email Results To: Aconde@trccompanies.com		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057659
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/04/2021

Site: Stores Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-758	Stores office	LAYER 1 Black Mastic	---	5%	Chrysotile
HC-ASB-758		LAYER 2 White Vinyl Floor Tile, 12" x 12"	---	3%	Chrysotile
HC-ASB-759	Stores office	--	--	NA/PS	--
HC-ASB-759		--	--	NA/PS	--
HC-ASB-766	Small office in storage office.	--	--	NA/PS	--
HC-ASB-766		--	--	NA/PS	--
HC-ASB-760	Stores office	LAYER 1 Black Mastic	---	10%	Chrysotile
HC-ASB-760		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	---	3%	Chrysotile
HC-ASB-761	Stores office	--	--	NA/PS	--
HC-ASB-761		--	--	NA/PS	--
HC-ASB-762	Stores office	White/Grey Ceiling Tile, 2' x 4'	80% mineral wool	ND	None
HC-ASB-763	Stores office	White/Grey Ceiling Tile, 2' x 4'	80% mineral wool	ND	None
HC-ASB-767	Small office in stores office	White/Grey Ceiling Tile, 2' x 4'	80% mineral wool	ND	None
HC-ASB-764	Stores office exterior	Black/Brown Caulking	---	ND	None
HC-ASB-765	Stores office exterior	Black/Brown Caulking	---	ND	None
HC-ASB-768	Stores men's bathroom	LAYER 1 Yellow Mastic	---	ND	None
HC-ASB-768		LAYER 2 Black Vinyl Floor Tile, 12" x 12"	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-769	Stores women's restroom	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-769		LAYER 2 Black Vinyl Floor Tile, 12" x 12"	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/06/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

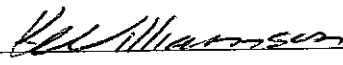
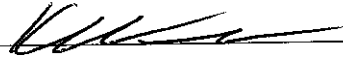
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57659

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer city power generation		Project Number: 450190 phase 2		Sampling Technician: Kyle Miller Mobile App: BSI - HAZMAT Survey Requested TAT:	
Project Name: Stores Building Homer power plant		Tracking Number:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/29/21	HC-ASB-758	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Stores Office Throughout	Stores office	
09/29/21	HC-ASB-759	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Stores Office Throughout	Stores office	
09/29/21	HC-ASB-766	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Stores Office Throughout	Small office in storage office.	
09/29/21	HC-ASB-760	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	Stores Office Throughout	Stores office	
09/29/21	HC-ASB-761	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	Stores Office Throughout	Stores office	
09/29/21	HC-ASB-762	Ceiling Tile, 2' x 4', White	Stores Office Throughout	Stores office	
09/29/21	HC-ASB-763	Ceiling Tile, 2' x 4', White	Stores Office Throughout	Stores office	
09/29/21	HC-ASB-767	Ceiling Tile, 2' x 4', White	Stores Office Throughout	Small office in stores office	
09/29/21	HC-ASB-764	Caulking, Black, Brown	Stores Office Exterior	Stores office exterior	
09/29/21	HC-ASB-765	Caulking, Black, Brown	Stores Office Exterior	Stores office exterior	
09/29/21	HC-ASB-768	Vinyl Floor Tile, with Black Mastic, 12" x 12", Black	Stores Office Bathrooms	Stores men's bathroom	
09/29/21	HC-ASB-769	Vinyl Floor Tile, with Black Mastic, 12" x 12", Black	Stores Office Bathrooms	Stores women's restroom	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time		Received By:	
					
					
I. (Print): (Sign):				10/4/21 1000	
II. (Print): (Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057730
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Training Center Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-783	HVAC/janitor room in the training building 2nd floor	Grey/Tan/Yellow Linoleum	- - -	80%	Chrysotile
HC-ASB-784	2nd floor men's toilet in the training building	- -	- -	NA/PS	- -
HC-ASB-785	2nd floor training building unlabeled office	- -	- -	NA/PS	- -
HC-ASB-786	HVAC/janitor room 2nd floor.	White/Grey Ceiling Tile, 2' x 4'	80% mineral wool	ND	None
HC-ASB-787	2nd floor hallway.	White/Grey Ceiling Tile, 2' x 4'	80% mineral wool	ND	None
HC-ASB-788	Men's toilet 2nd floor.	White/Grey Ceiling Tile, 2' x 4'	80% mineral wool	ND	None
HC-ASB-791	2nd floor HVAC/janitor room	White/Brown Wallboard, Gypsum	20% cellulose	ND	None
HC-ASB-792	2nd floor HVAC/janitor room	White/Brown Wallboard, Gypsum	20% cellulose	ND	None
HC-ASB-793	2nd floor exterior wall behind metal sheet.	White/Brown Wallboard, Gypsum	20% cellulose	ND	None
HC-ASB-789	2nd floor HVAC/janitor closet	White Wallboard, Joint Compound	- - -	ND	None
HC-ASB-790	2nd floor HVAC/janitor room.	White Wallboard, Joint Compound	- - -	ND	None
HC-ASB-797	Training room first floor hallway	LAYER 1 Grey Mastic	- - -	ND	None
HC-ASB-797		LAYER 2 Dark Red Vinyl Floor Tile, 9" x 9"	- - -	5%	Chrysotile
HC-ASB-798	Training building first floor hallway	LAYER 1 Grey Mastic	- - -	ND	None
HC-ASB-798		- -	- -	NA/PS	- -
HC-ASB-794	Training building 1st floor hallway.	Brown/White Ceiling Tile, 2' x 4'	60% cellulose 30% mineral wool	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
HC-ASB-795	Training room first floor restroom	Brown/White Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-796	Training building first floor hallway	Brown/White Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-799	Training building first floor restroom	LAYER 1 Yellow Mastic	---		ND	None
HC-ASB-799		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---		ND	None
HC-ASB-800	Training building first floor restroom	LAYER 1 Yellow Mastic	---		ND	None
HC-ASB-800		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---		ND	None
HC-ASB-801	Training building first floor restroom	LAYER 1 Yellow Mastic	---		ND	None
HC-ASB-801		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---		ND	None
HC-ASB-802	Training building first floor CEMS office	LAYER 1 White Joint Compound	---		ND	None
HC-ASB-802		LAYER 2 White Wallboard, Gypsum	2%	cellulose	ND	None
HC-ASB-811	Training building first floor CEMS office	LAYER 1 White Joint Compound	---		ND	None
HC-ASB-811		LAYER 2 White Wallboard, Gypsum	2%	cellulose	ND	None
HC-ASB-812	Training building first floor CEMS office	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-813	Training building first floor CEMS office	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-814	Training building first floor CEMS office	White/Grey Ceiling Tile, 2' x 2'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-815	Training building first floor CEMS office	White/Grey Ceiling Tile, 2' x 2'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-803	Training building first floor CEMS office	Tan Vinyl Floor Tile, without Adhesive, 12" x 12"	---		ND	None
HC-ASB-804	Training building first floor CEMS office	Tan Vinyl Floor Tile, without Adhesive, 12" x 12"	---		ND	None
HC-ASB-805	Training building first floor CEMS office	LAYER 1 Black Mastic	---		3%	Chrysotile
HC-ASB-805		LAYER 2 Grey/White Vinyl Floor Tile, 12" x 12"	---		ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122
VT #AL910359 LA#05011
PHIL# 461

CT #PH-0426
VA #3333 000283
PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-806		--	--	NA/PS	--
HC-ASB-806	Training building first floor CEMS office	LAYER 2 Grey/White Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-807	Training building first floor CEMS office bathroom	LAYER 1 Yellow Mastic	---	ND	None
HC-ASB-807		LAYER 2 Grey/White Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-808	Training building first floor CEMS office	LAYER 1 Yellow Mastic	---	ND	None
HC-ASB-808		LAYER 2 Brown/Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-809	Training building first floor CEMS office	LAYER 1 Yellow Mastic	---	ND	None
HC-ASB-809		LAYER 2 Brown/Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-810	Training building first floor CEMS office	LAYER 1 Yellow Mastic	---	ND	None
HC-ASB-810		LAYER 2 Brown/Tan Vinyl Floor Tile, 12" x 12"	---	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052
AZ #A20944 HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57730

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:	
Project Name: Training center building Homer city power plant		Tracking Number:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-783	Linoleum , Grey, Tan, Yellow	2nd Floor Training Building Throughout	HVAC/Janitor room in the training building 2nd floor	
09/30/21	HC-ASB-784	Linoleum , Grey, Tan, Yellow	2nd Floor Training Building Throughout	2nd floor men's toilet in the training building	
09/30/21	HC-ASB-785	Linoleum , Grey, Tan, Yellow	2nd Floor Training Building Throughout	2nd floor training building unlabeled office	
09/30/21	HC-ASB-786	Ceiling Tile, 2' x 4', White	2nd Floor Training Building Throughout	HVAC/Janitor room 2nd floor.	
09/30/21	HC-ASB-787	Ceiling Tile, 2' x 4', White	2nd Floor Training Building Throughout	2nd floor hallway.	
09/30/21	HC-ASB-788	Ceiling Tile, 2' x 4', White	2nd Floor Training Building Throughout	Men's toilet 2nd floor.	
09/30/21	HC-ASB-791	Wallboard, Gypsum, Brown, White	2nd Floor Janitor Closet	2nd floor HVAC/Janitor room	
09/30/21	HC-ASB-792	Wallboard, Gypsum, Brown, White	2nd Floor Janitor Closet	2nd floor HVAC/Janitor room	
09/30/21	HC-ASB-793	Wallboard, Gypsum, Brown, White	2nd Floor Janitor Closet	2nd floor exterior wall behind metal sheet.	
09/30/21	HC-ASB-789	Wallboard, Joint Compound, Tan, White	2nd Floor HVAC/Janitor Room	2nd floor HVAC/Janitor closet	

AK

57730

09/30/21	HC-ASB-790	Wallboard, Joint Compound, Tan, White	2nd Floor HVAC/Janitor Room	2nd floor HVAC/Janitor room.	
10/01/21	HC-ASB-797	Vinyl Floor Tile, with Black Mastic, 9" x 9", Brown, Red, White	Training Building First Floor Throughout	Training room first floor hallway	
10/01/21	HC-ASB-798	Vinyl Floor Tile, with Black Mastic, 9" x 9", Brown, Red, White	Training Building First Floor Throughout	Training building first floor hallway	
10/01/21	HC-ASB-794	Ceiling Tile, 2' x 4', Brown	Training Building First Floor Throughout	Training building 1st floor hallway.	
10/01/21	HC-ASB-795	Ceiling Tile, 2' x 4', Brown	Training Building First Floor Throughout	Training room first floor restroom	
10/01/21	HC-ASB-796	Ceiling Tile, 2' x 4', Brown	Training Building First Floor Throughout	Training building first floor hallway	
10/01/21	HC-ASB-799	Vinyl Floor Tile, with Black Mastic, 12" x 12", Tan	Training Building First Floor Restroom	Training building first floor restroom	
10/01/21	HC-ASB-800	Vinyl Floor Tile, with Black Mastic, 12" x 12", Tan	Training Building First Floor Restroom	Training building first floor restroom	
10/01/21	HC-ASB-801	Vinyl Floor Tile, with Black Mastic, 12" x 12", Tan	Training Building First Floor Restroom	Training building first floor restroom	
10/01/21	HC-ASB-802	Wallboard, Gypsum with Joint Compound, White	Training Building CEMS Office Throughout	Training building first floor CEMS office	
10/01/21	HC-ASB-811	Wallboard, Gypsum with Joint Compound, White	Training Building CEMS Office Throughout	Training building first floor CEMS office	
10/01/21	HC-ASB-812	Ceiling Tile, 2' x 4', White	Training Building First Floor CEMS Office Foyer	Training building first floor CEMS office	
10/01/21	HC-ASB-813	Ceiling Tile, 2' x 4', White	Training Building First Floor CEMS Office Foyer	Training building first floor CEMS office	
10/01/21	HC-ASB-814	Ceiling Tile, 2' x 2', White	Training Building First Floor CEMS Office	Training building first floor CEMS office	
10/01/21	HC-ASB-815	Ceiling Tile, 2' x 2', White	Training Building First Floor CEMS Office	Training building first floor CEMS office	
10/01/21	HC-ASB-803	Vinyl Floor Tile, without Adhesive, 12" x 12", Brown, Tan, White	Training Building First Floor CEMS Office	Training building first floor CEMS office	

AK



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057658
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/04/2021

Site: Truck Dump MCC-1 Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-619	See Diagram	White Insulation, Pipe Runs	99% fibrous glass	ND	None
HC-ASB-622	See Diagram	White Insulation, Pipe Runs	99% fibrous glass	ND	None
HC-ASB-623	See Diagram	White Insulation, Pipe Runs	99% fibrous glass	ND	None
HC-ASB-620	See Diagram	White/Grey Ceiling Tile, 2' x 4'	80% mineral wool	ND	None
HC-ASB-621	See Diagram	White/Grey Ceiling Tile, 2' x 4'	80% mineral wool	ND	None
HC-ASB-626	See Diagram	Grey Concrete	- - -	ND	None
HC-ASB-627	See Diagram	Grey Concrete	- - -	ND	None
HC-ASB-624	See Diagram	Grey Caulking	- - -	2%	Chrysotile
HC-ASB-625	See Diagram	- -	- -	NA/PS	- -
HC-ASB-628	See Diagram	Black Coating on asphalt	- - -	ND	None
HC-ASB-629	See Diagram	Black Coating on asphalt	- - -	ND	None
HC-ASB-635	See Diagram	Yellow Coating on steel floor	- - -	ND	None
HC-ASB-634	See Diagram	Yellow Coating on steel floor	- - -	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/06/2021

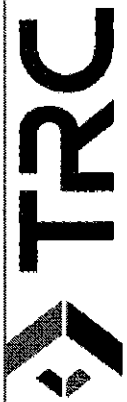
TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57658

 11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation Project Name: Truck dump MCC-1 building		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Project Number: 450190 Tracking Number:		Sampling Technician: Frank DeLizo, Heath Howard Mobile App: BSI - HAZMAT Survey Requested TAT: 3 DAY			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-619	Insulation, Pipe Runs, White	Exterior Penetration	See Diagram	
09/30/21	HC-ASB-622	Insulation, Pipe Runs, White	Exterior Penetration	See Diagram	
09/30/21	HC-ASB-623	Insulation, Pipe Runs, White	Exterior Penetration	See Diagram	
09/30/21	HC-ASB-620	Ceiling Tile, 2' x 4', White	Control Room Ceiling	See Diagram	
09/30/21	HC-ASB-621	Ceiling Tile, 2' x 4', White	Control Room Ceiling	See Diagram	
09/30/21	HC-ASB-626	Concrete, Grey	Coal Dumping West Building	See Diagram	
09/30/21	HC-ASB-627	Concrete, Grey	Coal Dumping West Building	See Diagram	
09/30/21	HC-ASB-624	Caulking, Grey	MCC Building Window	See Diagram	
09/30/21	HC-ASB-625	Caulking, Grey	MCC Building Window	See Diagram	
09/30/21	HC-ASB-628	Coating on asphalt, Black	Outside MCC Building	See Diagram	
09/30/21	HC-ASB-629	Coating on asphalt, Black	Outside MCC Building	See Diagram	
09/30/21	HC-ASB-635	Coating on steel floor, Yellow	West Building	See Diagram	
09/30/21	HC-ASB-634	Coating on steel floor, Yellow	West Building	See Diagram	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:			Received By:		Date and Time

Ken

57658

1. (Print): Heath Howard				09/30/2021 2:31 pm America/New_York		<i>Williamson</i>		10/4/21 1000	
(Sign): 						<i>Williamson</i>			
II. (Print):									
(Sign):									
Email Results To: thoward@trccompanies.com		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:					

57730

10/01/21	HC-ASB-804	Vinyl Floor Tile, without Adhesive, 12" x 12", Brown, Tan, White	Training Building First Floor CEMS Office	Training building first floor CEMS office	
10/01/21	HC-ASB-805	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey, White	Training Building First Floor CEMS Office	Training building first floor CEMS office	
10/01/21	HC-ASB-806	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey, White	Training Building First Floor CEMS Office	Training building first floor CEMS office	
10/01/21	HC-ASB-807	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey, White	Training Building First Floor CEMS Office	Training building first floor CEMS office bathroom	
10/01/21	HC-ASB-808	Vinyl Floor Tile, with Black Mastic, 12" x 12", Black, Brown, Tan, White	Training Building First Floor CEMS Office	Training building first floor CEMS office	
10/01/21	HC-ASB-809	Vinyl Floor Tile, with Black Mastic, 12" x 12", Black, Brown, Tan, White	Training Building First Floor CEMS Office	Training building first floor CEMS office	
10/01/21	HC-ASB-810	Vinyl Floor Tile, with Black Mastic, 12" x 12", Black, Brown, Tan, White	Training Building First Floor CEMS Office	Training building first floor CEMS office	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print):	10/01/2021 10:47 am America/New_York	Alena Katz	
(Sign): 		Alena Katz	
		10/11/2021 10:00	
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057716
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/13/2021

Site: Unit 1 & 2 Operator Office, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-863	Units 1&2 basement operator office	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 10% mineral wool	ND	None
HC-ASB-864	Units 1&2 basement operator office	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 10% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

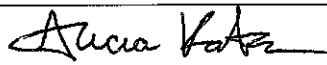
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57716

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Palmer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Unit one and two basement operator office Homer city power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/02/21	HC-ASB-863	Ceiling Tile, 2' x 4', White	Units 1&2 Basement Operator Office	Units 1&2 basement operator office	
10/02/21	HC-ASB-864	Ceiling Tile, 2' x 4', White	Units 1&2 Basement Operator Office	Units 1&2 basement operator office	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print): 		10/02/2021 9:18 am America/New_York	Alicia Katz 		
(Sign): II. (Print): (Sign):			10/11/21 10:00		
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057760
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/15/2021

Site: Unit 1 Stack, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-947	Stack 1	Tan Concrete	- - -	ND	None
HC-ASB-948	Stack 1	Tan Concrete	- - -	ND	None
HC-ASB-949	Stack 1	Tan Concrete	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

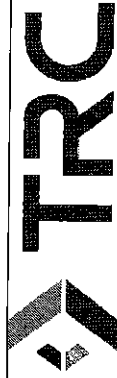
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57760



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:

Homer City Power Generation

Project Name:

Unit 1 Stack

Homer City power plant

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:

450190

Sampling Technician:

Andre Steuer, Kyle Miller

Mobile App: BSI - HAZMAT Survey

Requested TAT:

3 DAY

Tracking Number:

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/08/21	HC-ASB-947	Concrete, Tan	Stack 1 Throughout	Stack 1	
10/08/21	HC-ASB-948	Concrete, Tan	Stack 1 Throughout	Stack 1	
10/08/21	HC-ASB-949	Concrete, Tan	Stack 1 Throughout	Stack 1	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:

Date and Time

Received By:

Date and Time

1. (Print):

10/08/2021 11:17 am
America/New_York

Alicia Katz

10/13/2021

2. (Sign):

II. (Print):

Alicia Katz

11:57

(Sign):

Email Results To:

hhoward@trccompanies.com

Analytical Method:

PLM EPA 600/R-93/116

Lab Comments:



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057725
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Unit 2 Boiler Area, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-89	Exterior south break room	Black Caulking	- - -	ND	None
HC-ASB-90	Exterior south break room	Black Caulking	- - -	ND	None
HC-ASB-91	South 6th floor	Grey Caulking	- - -	ND	None
HC-ASB-92	South 6th floor	Grey Caulking	- - -	ND	None
HC-ASB-93	South 6th floor	Grey Caulking	- - -	ND	None
HC-ASB-94	South 6th floor	Grey Concrete	- - -	ND	None
HC-ASB-95	South 6th floor	Grey Concrete	- - -	ND	None
HC-ASB-96	South 6th floor	Grey Concrete	- - -	ND	None
HC-ASB-97	Exhaust fan near exit stairs between unit 1 and 2	Black Tar coating on exhaust fan	- - -	ND	None
HC-ASB-98	Exhaust fan near exit stairs between unit 1 and 2	Black Tar coating on exhaust fan	- - -	ND	None
HC-ASB-100	Switch room, 3rd	White/Grey Ceiling Tile, 2' x 4'	5% cellulose 90% mineral wool	ND	None
HC-ASB-99	Switch room, 3rd	White/Grey Ceiling Tile, 2' x 4'	5% cellulose 90% mineral wool	ND	None
HC-ASB-115	Operators lounge 1&2	LAYER 1 White Adhesive	- - -	ND	None
HC-ASB-115		LAYER 2 Black/White Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-116	Operators lounge 1&2	LAYER 1 White Adhesive	- - -	ND	None
HC-ASB-116		LAYER 2 Black/White Vinyl Floor Tile, 12" x 12"	- - -	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-118	Operators lounge 1&2	White/Grey Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-119	Operators lounge 1&2	White/Grey Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-117	Operators lounge 1&2	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-117		LAYER 2 Light Grey Vinyl Floor Tile	- - -	ND	None
HC-ASB-120	Operators lounge 1&2	LAYER 1 Yellow Mastic	- - -	ND	None
HC-ASB-120		LAYER 2 Light Grey Vinyl Floor Tile	- - -	ND	None
HC-ASB-121	Operators lounge 1&2	LAYER 1 Black Mastic	- - -	ND	None
HC-ASB-121		LAYER 2 White/Black Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-122	Operators lounge 1&2	LAYER 1 Black Mastic	- - -	ND	None
HC-ASB-122		LAYER 2 White/Black Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-123	Operators lounge 1&2	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-124	Operators lounge 1&2	White/Grey Ceiling Tile, 2' x 4'	10% cellulose 80% mineral wool	ND	None
HC-ASB-125	Operators lounge 1&2	White Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-126	Operators lounge 1&2	White Wallboard, Gypsum	2% cellulose	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



11231 Cornell Park Drive, Cincinnati, OH 45242

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Client:
Homer City Power Generation

Project Number:
450190 Phase II

Sampling Technician:
Antonio Conde, Frank Delizo
Mobile App: BSI - HAZMAT Survey

Project Name:
Unit 2 Boiler Area

Tracking Number:

Requested TAT:
PLM Standard TAT / TEM EPA NOB
24 Hour TAT

ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/01/21	HC-ASB-89	Caulking, Black	South Break Room, 11th	Exterior south break room	
10/01/21	HC-ASB-90	Caulking, Black	South Break Room, 11th	Exterior south break room	
10/01/21	HC-ASB-91	Caulking, Grey	6th Floor	South 6th floor	
10/01/21	HC-ASB-92	Caulking, Grey	6th Floor	South 6th floor	
10/01/21	HC-ASB-93	Caulking, Grey	6th Floor	South 6th floor	
10/01/21	HC-ASB-94	Concrete, Grey	6th Floor	South 6th floor	
10/01/21	HC-ASB-95	Concrete, Gray	6th Floor	South 6th floor	
10/01/21	HC-ASB-96	Concrete, Grey	6th Floor	South 6th floor	
10/01/21	HC-ASB-97	Tar coating on exhaust fan, Black	North 6th Floor	Exhaust fan near exit stairs between unit 1 and 2	
10/01/21	HC-ASB-98	Tar coating on exhaust fan, Black	North 6th Floor	Exhaust fan near exit stairs between unit 1 and 2	
10/02/21	HC-ASB-100	Ceiling Tile, 2' x 4', White	3rd Floor	Switch room, 3rd	
10/02/21	HC-ASB-99	Ceiling Tile, 2' x 4', White	3rd Floor	Switch room, 3rd	
10/05/21	HC-ASB-115	Vinyl Floor Tile, with White Adhesive, 12" x 12", Black w white flex	3rd Floor	Operators lounge 182	

57725

10/05/21	HC-ASB-116	Vinyl Floor Tile, with White Adhesive, 12" x 12", Black w white flex	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-118	Ceiling Tile, 2' x 4', White	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-119	Ceiling Tile, 2' x 4', White	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-117	Vinyl Floor Tile, Brownish-yellow, Black	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-120	Vinyl Floor Tile, Brownish-yellow, Black	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-121	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-122	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-123	Ceiling Tile, 2' x 4', Other, White	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-124	Ceiling Tile, 2' x 4', Other, White	3rd Floor	Operators lounge 1&2	
10/05/21	HC-ASB-125	Wallboard, Gypsum, White	3rd Floor, Relay Room-1st Floor	Operators lounge 1&2	
10/05/21	HC-ASB-126	Wallboard, Gypsum, White	3rd Floor, Relay Room-1st Floor	Operators lounge 1&2	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde		Alicia Katz	
	10/06/2021 7:14 am America/New_York	Alicia Katz	
(Sign):		10/11/2021 10:00	
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057751
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/13/2021

Site: Unit 2 Precipitator Area, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-959	Unit 2 A ID fan	Colorless Unit 2 A ID fan caulk	- - -	ND	None
HC-ASB-960	Unit 2 A ID fan	Colorless Unit 2 A ID fan caulk	- - -	ND	None
HC-ASB-961	Unit 2 rapper/vibrator room	Black/White Unit 2 rapper/vibrator building floor	20% cellulose	ND	None
HC-ASB-962	Unit 2 rapper/vibrator building	Black/White Unit 2 rapper/vibrator building floor	20% cellulose	ND	None
HC-ASB-963	Unit 2 rapper/vibrator building	Black/White Unit 2 rapper/vibrator building floor	20% cellulose	ND	None
HC-ASB-964	Unit 2 B precipitator rapper/vibrator building	Black/White Unit 2 rapper/vibrator building floor	20% cellulose	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Kathleen Williamson, Laboratory Manager

Reviewed by:


Joel Corso, Approved Signatory

Date Issued

10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57751

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190 phase 2			
Project Name: Unit 2 Precipitator Area Homer City power plant		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/07/21	HC-ASB-959	Unit 2 A ID fan caulk	Unit 2 A ID Fan	Unit 2 A ID fan	
10/07/21	HC-ASB-960	Unit 2 A ID fan caulk	Unit 2 A ID Fan	Unit 2 A ID fan	
10/07/21	HC-ASB-961	Unit 2 rapper/vibrator building floor , Black, White	Unit 2 Rapper/vibrator Room Throughout	Unit 2 rapper/vibrator room	
10/07/21	HC-ASB-962	Unit 2 rapper/vibrator building floor , Black, White	Unit 2 Rapper/vibrator Room Throughout	Unit 2 rapper/vibrator building	
10/07/21	HC-ASB-963	Unit 2 rapper/vibrator building floor , Black, White	Unit 2 Rapper/vibrator Room Throughout	Unit 2 rapper/vibrator building	
10/07/21	HC-ASB-964	Unit 2 B precipitator rapper/vibrator building floor , Black, White	Unit 2 Precipitator Rapper/vibrator Building	Unit 2 B precipitator rapper/vibrator building	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print):		Alicia Katze		10/13/2021	
		Alicia Katze		10:35	
10/08/2021 7:48 pm America/New_York					
					

57751

II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	

AK



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057761
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/14/2021

Site: Unit 2 Stack, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-950	Unit 2 stack	Tan Concrete	- - -	ND	None
HC-ASB-951	Unit 2 stack	Tan Concrete	- - -	ND	None
HC-ASB-952	Unit 2 stack	Tan Concrete	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/15/2021

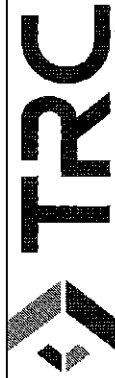
TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

5761



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Name:
Unit 2 Stack
Homer City power plant

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 phase 2

Sampling Technician:
Andre Steuer, Kyle Miller
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:
3 DAY

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/08/21	HC-ASB-950	Concrete, Tan	Unit 2 Stack Throughout	Unit 2 stack	
10/08/21	HC-ASB-951	Concrete, Tan	Unit 2 Stack Throughout	Unit 2 stack	
10/08/21	HC-ASB-952	Concrete, Tan	Unit 2 Stack Throughout	Unit 2 stack	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print):		Alicia Katz	10/13/2021
(Sign):	10/08/2021 9:08 am America/New_York	Alicia Katz	11:57
II. (Print):			
(Sign):			
Email Results To: hhoward@trccompanies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057724
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/12/2021

Site: Unit 2 Turbine Area, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
HC-ASB-106	Turbine Offices/Control Room	White/Grey Ceiling Tile, 2' x 4'	60%	cellulose	ND	None
			30%	mineral wool		
HC-ASB-107	Turbine Offices/Control Room	White/Grey Ceiling Tile, 2' x 4'	60%	cellulose	ND	None
			30%	mineral wool		
HC-ASB-108	Turbine Offices/Control Room	LAYER 1 Yellow Mastic	---		ND	None
HC-ASB-108		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	---		ND	None
HC-ASB-109	Turbine Offices/Control Room	LAYER 1 Yellow Mastic	---		ND	None
HC-ASB-109		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	---		ND	None
HC-ASB-110	Turbine Offices/Control Room	LAYER 1 Yellow Mastic	---		ND	None
HC-ASB-110		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	---		ND	None
HC-ASB-111	Turbine Offices/Control Room	Tan-Yellow Adhesive	---		ND	None
HC-ASB-112	Turbine Offices/Control Room	Tan-Yellow Adhesive	---		ND	None
HC-ASB-113	Turbine Offices/Control Room	White Wallboard, Gypsum	2%	cellulose	ND	None
HC-ASB-114	Turbine Offices/Control Room	White Wallboard, Gypsum	2%	cellulose	ND	None
HC-ASB-101	Stator Room	White Wallboard, Gypsum	2%	cellulose	ND	None
HC-ASB-102	Stator Room	White Wallboard, Gypsum	2%	cellulose	ND	None
HC-ASB-103	Stator Room	White Wallboard, Gypsum	2%	cellulose	ND	None
HC-ASB-104	Stator Room	Yellow Adhesive	---		ND	None
HC-ASB-105	Stator Room	Yellow Adhesive	---		ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-127	Basement shanty 1&2	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 10% mineral wool	ND	None
HC-ASB-128	Basement shanty 1&2	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 10% mineral wool	ND	None
HC-ASB-129	Basement shanty 1&2	LAYER 1 Brown Adhesive	- - -	ND	None
HC-ASB-129		LAYER 2 Black-Brown Cove Base	- - -	ND	None
HC-ASB-130	Basement shanty 1&2	LAYER 1 Brown Adhesive	- - -	ND	None
HC-ASB-130		LAYER 2 Black-Brown Cove Base	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

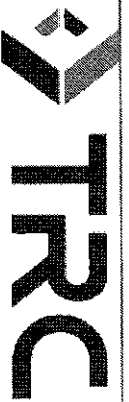
NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052
AZ #A20944 HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57724



11231 Cornell Park Drive, Cincinnati, OH 45242

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Client:
Homer City Power Generation

Project Number:
450190 Phase II

Sampling Technician:
Antonio Conde, Frank Delizo
Mobile App: BSI - HAZMAT Survey

Project Name:
Unit 2 Turbine Area

Tracking Number:

Requested TAT:
PLM Standard TAT / TEM EPA NOB
24 Hour TAT

ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/05/21	HC-ASB-106	Ceiling Tile, 2' x 4', White	2nd Floor	Turbine Offices/Control Room	
10/05/21	HC-ASB-107	Ceiling Tile, 2' x 4', White	2nd Floor	Turbine Offices/Control Room	
10/05/21	HC-ASB-108	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	2nd Floor	Turbine Offices/Control Room	
10/05/21	HC-ASB-109	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	2nd Floor	Turbine Offices/Control Room	
10/05/21	HC-ASB-110	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	2nd Floor	Turbine Offices/Control Room	
10/05/21	HC-ASB-111	Adhesive, Tan, Yellow	2nd Floor	Turbine Offices/Control Room	
10/05/21	HC-ASB-112	Adhesive, Tan, Yellow	2nd Floor	Turbine Offices/Control Room	
10/05/21	HC-ASB-113	Wallboard, Gypsum, White	Basement	Turbine Offices/Control Room	
10/05/21	HC-ASB-114	Wallboard, Gypsum, White	Basement	Turbine Offices/Control Room	
10/05/21	HC-ASB-101	Wallboard, Gypsum, White	Basement	Stator Room	

57724

10/05/21	HC-ASB-102	Wallboard, Gypsum, White	Basement	Stator Room	
10/05/21	HC-ASB-103	Wallboard, Gypsum, White	Basement	Stator Room	
10/05/21	HC-ASB-104	Adhesive, Yellow	Basement	Stator Room	
10/05/21	HC-ASB-105	Adhesive, Yellow	Basement	Stator Room	
10/05/21	HC-ASB-127	Ceiling Tile, 2' x 4', White	Basement	Basement shanty 1&2	
10/05/21	HC-ASB-128	Ceiling Tile, 2' x 4', White	Basement	Basement shanty 1&2	
10/05/21	HC-ASB-129	Cove Base, with Adhesive, Black	Basement	Basement shanty 1&2	
10/05/21	HC-ASB-130	Cove Base, with Adhesive, Black	Basement	Basement shanty 1&2	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION			
Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde		Alicia Katz	
	10/06/2021 7:13 am America/New_York	Alicia Katz	
(Sign): 		10/11/2021 10:00	
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PLM EPA 800/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057753
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/15/2021

Site: Unit 3 Boiler Area, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-131	11th floor	Grey Pipe insulation 0-12"	30% mineral wool	ND	None
HC-ASB-135	10th floor	Grey Pipe insulation 0-12"	10% cellulose 30% mineral wool	ND	None
HC-ASB-138	9th floor	White Pipe insulation 0-12"	30% cellulose	ND	None
HC-ASB-141	7th floor	Grey Pipe insulation 0-12"	30% mineral wool	ND	None
HC-ASB-146	N 6th floor	Grey Pipe insulation 0-12"	30% mineral wool	ND	None
HC-ASB-149	5th floor	Grey/White Pipe insulation 0-12"	30% cellulose	ND	None
HC-ASB-153	4th floor	White Pipe insulation 0-12"	30% cellulose	ND	None
HC-ASB-156	7A S 3rd floor	Grey Pipe insulation 0-12"	30% mineral wool	ND	None
HC-ASB-169	S 2nd floor	White Pipe insulation 0-12"	30% cellulose	ND	None
HC-ASB-173	S 1st floor	Beige Pipe insulation 0-12"	30% cellulose	ND	None
HC-ASB-174	S 1st floor	White Pipe insulation 0-12"	10% synthetic fiber	ND	None
HC-ASB-189	Ground	Tan/Grey Pipe insulation 0-12"	30% mineral wool	ND	None
HC-ASB-132	11th floor	White/Grey Pipe insulation 12"-24"	30% mineral wool 10% synthetic fiber	ND	None
HC-ASB-136	10th floor	White Pipe insulation 12"-24"	2% synthetic fiber	ND	None
HC-ASB-139	9th floor	White Pipe insulation 12"-24"	10% synthetic fiber	ND	None
HC-ASB-142	7th floor	Dark Grey Pipe insulation 12"-24"	30% mineral wool	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-147	S 6th floor	White Pipe insulation 12"-24"	10% synthetic fiber	ND	None
HC-ASB-154	4th floor	White Pipe insulation 12"-24"	10% synthetic fiber	ND	None
HC-ASB-159	S 3rd floor	White Pipe insulation 12"-24"	20% synthetic fiber	ND	None
HC-ASB-170	S 2nd Floor	White Pipe insulation 12"-24"	5% synthetic fiber	ND	None
HC-ASB-175	S 1st floor	White Pipe insulation 12"-24"	10% synthetic fiber	ND	None
HC-ASB-176	S 1st floor	White Pipe insulation 12"-24"	10% synthetic fiber	ND	None
HC-ASB-190	Ground	Grey/Green Pipe insulation 12"-24"	30% mineral wool	ND	None
HC-ASB-133	11th floor	White Pipe insulation > 24"	10% synthetic fiber	ND	None
HC-ASB-137	10th floor	Grey Pipe insulation > 24"	10% synthetic fiber	ND	None
HC-ASB-140	9th floor	White Pipe insulation > 24"	30% synthetic fiber	ND	None
HC-ASB-143	7th floor	Grey Pipe insulation > 24"	30% cellulose 10% synthetic fiber	ND	None
HC-ASB-152	5th floor	White Pipe insulation > 24"	30% synthetic fiber	ND	None
HC-ASB-155	4th floor	White Pipe insulation > 24"	10% synthetic fiber	ND	None
HC-ASB-160	S 3rd floor	White/Grey Pipe insulation > 24"	10% synthetic fiber	ND	None
HC-ASB-171	2nd floor	White/Grey Pipe insulation > 24"	30% mineral wool	ND	None
HC-ASB-177	S 1st floor	Grey Pipe insulation > 24"	10% mineral wool	ND	None
HC-ASB-178	S 1st floor	Beige Pipe insulation > 24"	30% cellulose	ND	None
HC-ASB-134	11th floor	Tan Boiler refractory	- - -	ND	None
HC-ASB-144	7th floor	Brown/Grey Boiler refractory	- - -	ND	None
HC-ASB-150	5th floor	Dark Grey Boiler refractory	- - -	ND	None
HC-ASB-151	5th floor	White/Black Boiler refractory	- - -	ND	None
HC-ASB-162	N 3rd floor	Brown/Grey Boiler refractory	- - -	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-145	7th floor	White/Grey Duct vibration damper	99% fibrous glass	ND	None
HC-ASB-148	S 6th floor, west edge	White/Grey Duct vibration damper	99% fibrous glass	ND	None
HC-ASB-157	7B north end cap	Grey/Tan 7A/7B super heater shell insulation, 3rd	60% mineral wool	ND	None
HC-ASB-158	7A north end cap	Grey/Tan 7A/7B super heater shell insulation, 3rd	60% mineral wool	ND	None
HC-ASB-161	S end cap	Grey/Tan Tank insulation, 3rd	60% mineral wool	ND	None
HC-ASB-163	6A S end cap	Grey 6A/6B Feedwater heater shell insulation, 2nd	30% mineral wool	ND	None
HC-ASB-164	6A shell	White 6A/6B Feedwater heater shell insulation, 2nd	40% cellulose	ND	None
HC-ASB-165	6B S end cap	Grey 6A/6B Feedwater heater shell insulation, 2nd	60% mineral wool	ND	None
HC-ASB-166	6B shell	White 6A/6B Feedwater heater shell insulation, 2nd	5% synthetic fiber	ND	None
HC-ASB-167	N end cap	Grey/White/Black 6A high pressure heater drip tank, 2nd	60% mineral wool	ND	None
HC-ASB-168	S end cap	White 6A high pressure heater drip tank, 2nd	10% mineral wool	ND	None
HC-ASB-172	N & S end caps	Grey/Tan APH drip tank shell insulation, 1st	80% mineral wool	ND	None
HC-ASB-179	S 1st floor	Grey Boiler feed pump 1&2 insulation, 1st	60% mineral wool	ND	None
HC-ASB-180	Air handler area	White/Grey Pipe insulation, operations/E&I areas, 1st	60% mineral wool	ND	None
HC-ASB-181	Operators area	White/Tan Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-182	Operators area	White/Tan Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-183	Operators area	LAYER 1 Cream Adhesive	- - -	ND	None
HC-ASB-183		LAYER 2 Grey Cove Base	- - -	ND	None
HC-ASB-184	Operators area	LAYER 1 Cream Adhesive	- - -	ND	None
HC-ASB-184		LAYER 2 Grey Cove Base	- - -	ND	None
HC-ASB-185	Operators area	White Wallboard, Gypsum	2% cellulose	ND	None
HC-ASB-186	Operators area	White Wallboard, Gypsum	2% cellulose	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122
VT #AL910359 LA#05011
PHIL# 461

CT #PH-0426
VA #3333 000283
PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-187	Lower end cap	Grey Flash tank shell insulation, GR	20% mineral wool	ND	None
HC-ASB-188	Shell	Pink Flash tank shell insulation, GR	30% cellulose	ND	None
HC-ASB-191	Ground	White/Grey Caulking	- - -	ND	None
HC-ASB-192	Ground	White/Grey Caulking	- - -	ND	None
HC-ASB-193	Ground	White/Grey Caulking	- - -	ND	None
HC-ASB-195	Ground shanty	Tan/Brown Adhesive	- - -	ND	None
HC-ASB-194	Ground shanty	White Wallboard, Gypsum	10% cellulose	ND	None
HC-ASB-224	3A glycol drip pump	Grey Glycol drip pump insulation, GR	30% mineral wool	ND	None
HC-ASB-225	3B glycol drip pump	Grey Glycol drip pump insulation, GR	30% mineral wool	ND	None
HC-ASB-972	Economizer pipes	White/Tan Economizer pipe insulation	- - -	ND	None
HC-ASB-973	Economizer piping	White Economizer pipe insulation	- - -	ND	None
HC-ASB-975	Economizer pipe insulation	White Economizer pipe insulation	10% cellulose	ND	None
HC-ASB-976	Economizer pipe insulation	White Economizer pipe insulation	10% cellulose	ND	None
HC-ASB-977	Economizer pipe insulation	White Economizer pipe insulation	20% cellulose	ND	None
HC-ASB-979	Economizer pipe insulation	White Economizer pipe insulation	5% cellulose	ND	None
HC-ASB-978	Economizer wall	Black Economizer caulking	- - -	ND	None
HC-ASB-980	Economizer water pipe	Grey Economizer caulking	- - -	ND	None
HC-ASB-981	Economizer confined space entry wall	Brown Economizer wall insulation	99% mineral wool	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/18/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057674
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Unit 3 Make Up Booster Pump House, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-773	Unit #3 make-up booster pump house	Grey Expansion joint	- - -	ND	None
HC-ASB-776	Unit 3 make-up booster pump house	Black Caulking	- - -	ND	None
HC-ASB-775	Unit 3 make-up booster pump house	Black Pipe penetration caulk	- - -	ND	None
HC-ASB-774	Unit 3 make-up booster pump house	Black/Orange Water pump feed phalange gasket	10% cellulose 80% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Joel Corso, Laboratory Analyst

Reviewed by:


Kathleen Williamson, Laboratory Manager

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

5-7674

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Unit three make up booster pump house Homer city power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-773	Expansion joint, Grey	Unit #3 Make-up Booster Pump House.	Unit #3 make-up booster pump house	
09/30/21	HC-ASB-776	Caulking, Black	Unit 3 Make-up Booster Pump House	Unit 3 make-up booster pump house	
09/30/21	HC-ASB-775	Pipe penetration caulk , Black	Unit 3 Make-up Booster Pump House	Unit 3 make-up booster pump house	
09/30/21	HC-ASB-774	Water pump feed phalange gasket , Black, Orange	Unit 3 Make-up Booster Pump House	Unit 3 make-up booster pump house	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print):		10/01/2021 7:20 am America/New_York		10/4/21 1000	
2. (Sign):		<i>[Signature]</i>			
3. (Print):		<i>[Signature]</i>			
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	

57753

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer City Power Generation		Project Number: 450190 phase 2		Sampling Technician: Antonio Conde, Frank Delizo Mobile App: BSI - HAZMAT Survey	
Project Name: Unit 3 Boiler Area Homer City power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/06/21	HC-ASB-131	Pipe insulation 0-12"	Throughout	11th floor	
10/06/21	HC-ASB-135	Pipe insulation 0-12"	Throughout	10th floor	
10/06/21	HC-ASB-138	Pipe insulation 0-12"	Throughout	9th floor	
10/06/21	HC-ASB-141	Pipe insulation 0-12"	Throughout	7th floor	
10/06/21	HC-ASB-146	Pipe insulation 0-12"	Throughout	N 6th floor	
10/06/21	HC-ASB-149	Pipe insulation 0-12"	Throughout	5th floor	
10/06/21	HC-ASB-153	Pipe insulation 0-12"	Throughout	4th floor	
10/06/21	HC-ASB-156	Pipe insulation 0-12"	Throughout	7A S 3rd floor	
10/06/21	HC-ASB-169	Pipe insulation 0-12"	Throughout	S 2nd floor	
10/07/21	HC-ASB-173	Pipe insulation 0-12"	Throughout	S 1st floor	
10/07/21	HC-ASB-174	Pipe insulation 0-12"	Throughout	S 1st floor	
10/07/21	HC-ASB-189	Pipe insulation 0-12"	Throughout	Ground	
10/06/21	HC-ASB-132	Pipe insulation 12"-24"	Throughout	11th floor	
10/06/21	HC-ASB-136	Pipe insulation 12"-24"	Throughout	10th floor	
10/06/21	HC-ASB-139	Pipe insulation 12"-24"	Throughout	9th floor	
10/06/21	HC-ASB-142	Pipe insulation 12"-24"	Throughout	7th floor	

AK

57753

10/06/21	HC-ASB-147	Pipe insulation 12"-24"	Throughout	S 6th floor	
10/06/21	HC-ASB-154	Pipe insulation 12"-24"	Throughout	4th floor	
10/06/21	HC-ASB-159	Pipe insulation 12"-24"	Throughout	S 3rd floor	
10/06/21	HC-ASB-170	Pipe insulation 12"-24"	Throughout	S 2nd Floor	
10/07/21	HC-ASB-175	Pipe insulation 12"-24"	Throughout	S 1st floor	
10/07/21	HC-ASB-176	Pipe insulation 12"-24"	Throughout	S 1st floor	
10/07/21	HC-ASB-190	Pipe insulation 12"-24"	Throughout	Ground	
10/06/21	HC-ASB-133	Pipe insulation > 24"	Throughout	11th floor	
10/06/21	HC-ASB-137	Pipe insulation > 24"	Throughout	10th floor	
10/06/21	HC-ASB-140	Pipe insulation > 24"	Throughout	9th floor	
10/06/21	HC-ASB-143	Pipe insulation > 24"	Throughout	7th floor	
10/06/21	HC-ASB-152	Pipe insulation > 24"	Throughout	5th floor	
10/06/21	HC-ASB-155	Pipe insulation > 24"	Throughout	4th floor	
10/06/21	HC-ASB-160	Pipe insulation > 24"	Throughout	S 3rd floor	
10/06/21	HC-ASB-171	Pipe insulation > 24"	Throughout	2nd floor	
10/07/21	HC-ASB-177	Pipe insulation > 24"	Throughout	S 1st floor	
10/07/21	HC-ASB-178	Pipe insulation > 24"	Throughout	S 1st floor	
10/06/21	HC-ASB-134	Boiler refractory , Pink, White	Throughout	11th floor	
10/06/21	HC-ASB-144	Boiler refractory , Pink, White	Throughout	7th floor	
10/06/21	HC-ASB-150	Boiler refractory , Pink, White	Throughout	5th floor	
10/06/21	HC-ASB-151	Boiler refractory , Pink, White	Throughout	5th floor	
10/06/21	HC-ASB-162	Boiler refractory , Pink, White	Throughout	N 3rd floor	
10/06/21	HC-ASB-145	Duct vibration damper , White	Throughout	7th floor	

AVC

57753

10/06/21	HC-ASB-148	Duct vibration damper , White	Throughout	S 6th floor, west edge	
10/06/21	HC-ASB-157	7A/7B super heater shell insulation, 3rd	S 3rd Floor	7B north end cap	
10/06/21	HC-ASB-158	7A/7B super heater shell insulation, 3rd	S 3rd Floor	7A north end cap	
10/06/21	HC-ASB-161	Tank insulation, 3rd	S 3rd Floor	S end cap	
10/06/21	HC-ASB-163	6A/6B Feedwater heater shell insulation, 2nd, White	S 2nd Floor	6A S end cap	
10/06/21	HC-ASB-164	6A/6B Feedwater heater shell insulation, 2nd, White	S 2nd Floor	6A shell	
10/06/21	HC-ASB-165	6A/6B Feedwater heater shell insulation, 2nd, White	S 2nd Floor	6B S end cap	
10/06/21	HC-ASB-166	6A/6B Feedwater heater shell insulation, 2nd, White	S 2nd Floor	6B shell	
10/06/21	HC-ASB-167	6A high pressure heater drip tank, 2nd, White	N 2nd Floor	N end cap	
10/06/21	HC-ASB-168	6A high pressure heater drip tank, 2nd, White	N 2nd Floor	S end cap	
10/07/21	HC-ASB-172	APH drip tank shell insulation, 1st, White	S 1st Floor	N & S end caps	
10/07/21	HC-ASB-179	Boiler feed pump 1&2 insulation, 1st, White	S 1st Floor	S 1st floor	
10/07/21	HC-ASB-180	Pipe insulation, operations/E&I areas, 1st, White	1st Floor	Air handler area	
10/07/21	HC-ASB-181	Ceiling Tile, 2' x 4', White	1st Floor	Operators area	
10/07/21	HC-ASB-182	Ceiling Tile, 2' x 4', White	1st Floor	Operators area	
10/07/21	HC-ASB-183	Cove Base, with Adhesive, Grey	1st Floor	Operators area	
10/07/21	HC-ASB-184	Cove Base, with Adhesive, Grey	1st Floor	Operators area	
10/07/21	HC-ASB-185	Wallboard, Gypsum, White	1st Floor	Operators area	
10/07/21	HC-ASB-186	Wallboard, Gypsum, White	1st Floor	Operators area	
10/07/21	HC-ASB-187	Flash tank shell insulation, GR, Pink, White	S Ground	Lower end cap	
10/07/21	HC-ASB-188	Flash tank shell insulation, GR, Pink, White	S Ground	Shell	
10/07/21	HC-ASB-191	Caulking, White	Throughout	Ground	
10/07/21	HC-ASB-192	Caulking, White	Throughout	Ground	

AK



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057677
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Unit 3 NIDS Area, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-68	Structural pillar	White Caulking	- - -	ND	None
HC-ASB-69	Structural pillar	White Caulking	- - -	ND	None
HC-ASB-70	Structural pillar	White Caulking	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Handwritten signature of Joel Corso in black ink.
Joel Corso, Laboratory Analyst

Reviewed by:

Handwritten signature of Kathleen Williamson in black ink.
Kathleen Williamson, Laboratory Manager

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

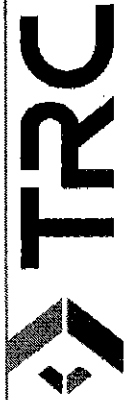
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57677



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Name:
Unit 3 NIDS Area

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 Phase II

Sampling Technician:
Antonio Conde, Frank DeLizo
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:
PLM Standard TAT / TEM EPA NOB
24 Hour TAT

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-68	Caulking, White	Throughout	Structural pillar	
09/30/21	HC-ASB-69	Caulking, White	Throughout	Structural pillar	
09/30/21	HC-ASB-70	Caulking, White	Throughout	Structural pillar	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:		Received By:		Date and Time
1. (Print): Antonio Conde		 		10/4/21
				1000
 (Sign): (Print):		10/01/2021 7:15 am America/New_York		
(Sign): (Print):				
(Sign):				
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:

57753

10/07/21	HC-ASB-193	Caulking, White	Throughout	Ground	
10/07/21	HC-ASB-195	Adhesive, Tan	Ground	Ground shanty	
10/07/21	HC-ASB-194	Wallboard, Gypsum, White	Ground	Ground shanty	
10/07/21	HC-ASB-224	Glycol drip pump insulation, GR, Pink, Tan	Ground	3A glycol drip pump	
10/07/21	HC-ASB-225	Glycol drip pump insulation, GR, Pink, Tan	Ground	3B glycol drip pump	
10/08/21	HC-ASB-972	Economizer pipe insulation, White	Economizer Throughout	Economizer pipes	
10/08/21	HC-ASB-973	Economizer pipe insulation, White	Economizer Throughout	Economizer piping	
10/08/21	HC-ASB-975	Economizer pipe insulation, White	Economizer Throughout	Economizer pipe insulation	
10/08/21	HC-ASB-976	Economizer pipe insulation, White	Economizer Throughout	Economizer pipe insulation	
10/08/21	HC-ASB-977	Economizer pipe insulation, White	Economizer Throughout	Economizer pipe insulation	
10/08/21	HC-ASB-979	Economizer pipe insulation, White	Economizer Throughout	Economizer pipe insulation	
10/08/21	HC-ASB-978	Economizer caulking, Black	Economizer Throughout	Economizer wall	
10/08/21	HC-ASB-980	Economizer caulking, Grey, White	Economizer Water Pipe	Economizer water pipe	
10/08/21	HC-ASB-981	Economizer wall insulation, Brown, Tan	Economizer Confined Space Entry Wall	Economizer confined space entry wall	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print):		Alicia Katz	10/13/2021
	10/08/2021 7:37 pm America/New_York	Alicia Katz	11:05
(Sign):			
II. (Print):			

57753

(Sign):				
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	

AK



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057752
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/13/2021

Site: Unit 3 Precipitator Area, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-965	Unit 3 precipitator 2nd floor	White/Tan Gasket	30% cellulose 20% fibrous glass	ND	None
HC-ASB-966	Unit 4 precipitator	Grey Insulation, Pipe Elbows / Fittings	20% mineral wool	ND	None
HC-ASB-967	Unit 3 precipitator TSI	Silver/Tan TSI jacket	30% cellulose 30% fibrous glass	ND	None
HC-ASB-968	Unit 3 precipitator 2nd floor	Grey 8" Pipe End Cap	30% mineral wool	ND	None
HC-ASB-969	Unit 2 precipitator ground floor	Black Mastic	- - -	ND	None
HC-ASB-970	Unit 3 precipitator 2nd floor exterior	Black Refractory	80% mineral wool	ND	None
HC-ASB-971	Unit 3 precipitator exterior windows	White Caulking	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:	Reviewed by:	Date Issued
Kathleen Williamson, Laboratory Manager	Joel Corso, Approved Signatory	10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0	AIHA-LAP, LLC #100122	CT #PH-0426	ME LA-0075, LB-0071	MA #AA000052	NY #10980	WV #000622
RI #PLM0007 TX #300354	VT #AL910359 LA#05011	VA #3333 000283	AZ #A20944	HI #L-09-004	NJ #CT004	CA #2907
CO# AL-15020	PHIL# 461	PA#68-03387				



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:

Homer City Power Generation

Project Name:

Unit 3 Precipitator Area

Homer City power plant

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 phase 2

Sampling Technician:
Andre Steuer, Kyle Miller
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/07/21	HC-ASB-965	Gaskets, Tan, White	Unit 3 Precipitator	Unit 3 precipitator 2nd floor	
10/07/21	HC-ASB-966	Insulation, Pipe Elbows / Fittings, Grey	Unit 3 Precipitator	Unit 4 precipitator	
10/07/21	HC-ASB-967	TSI jacket, Silver, Tan	Unit 3 Precipitator TSI	Unit 3 precipitator TSI	
10/07/21	HC-ASB-968	8 inch pipe end cap, Grey	Unit 3 Precipitator 2nd Floor	Unit 3 precipitator 2nd floor	
10/07/21	HC-ASB-969	Mastic, Black	Unit 3 Precipitator Ground Floor	Unit 2 precipitator ground floor	
10/07/21	HC-ASB-970	Refractory, Black	Unit 2 Precipitator Exterior	Unit 3 precipitator 2nd floor exterior	
10/07/21	HC-ASB-971	Caulking, White	Unit 3 Precipitator Exterior Windows	Unit 3 precipitator exterior windows	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print):	10/08/2021 9:14 am America/New_York	Alicia Katz	

AN

57752

kr (Sign):				10/13/2021 10:56
II. (Print):				
(Sign):				
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057763
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/14/2021

Site: Unit 3 Stack, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-956	Unit 3 stack	Tan Concrete	- - -	ND	None
HC-ASB-957	Unit 3 stack	Tan Concrete	- - -	ND	None
HC-ASB-958	Unit 3 stack	Tan Concrete	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "Kathleen Williamson".

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso".

Joel Corso, Approved Signatory

Date Issued

10/15/2021

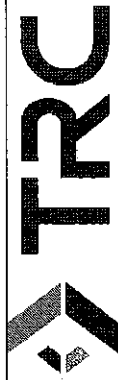
TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907

57763



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190

Sampling Technician:
Andre Steuer, Kyle Miller
Mobile App: BSI - HAZMAT Survey

Project Name:
Unit 3 Stack
Homer City power plant

Tracking Number:

Requested TAT:
3 DAY

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/08/21	HC-ASB-956	Concrete, Tan	Unit 3 Stack	Unit 3 stack	
10/08/21	HC-ASB-957	Concrete, Tan	Unit 3 Stack	Unit 3 stack	
10/08/21	HC-ASB-958	Concrete, Tan	Unit 3 Stack	Unit 3 stack	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:		Received By:		Date and Time
1. (Print):		Alicia Kertze		10/13/2021
(Sign):		Alicia Kertze		12:02
II. (Print):				
(Sign):				
Email Results To: thoward@trccompanies.com		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057754
Project #: 450190.0002.0000
Date Received: 10/13/2021
Date Analyzed: 10/14/2021

Site: Unit 3 Turbine Area, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-198	CRV R/S west lower	White Pipe insulation 0-12"	60% mineral wool	ND	None
HC-ASB-216	1st floor	White Pipe insulation 0-12"	60% mineral wool	ND	None
HC-ASB-217	1st floor	White Pipe insulation 0-12"	10% synthetic fiber	ND	None
HC-ASB-233	Ground	White Pipe insulation 0-12"	10% cellulose 10% synthetic fiber	ND	None
HC-ASB-234	Ground	White Pipe insulation 0-12"	5% synthetic fiber	ND	None
HC-ASB-199	CRV R/S west lower	White Pipe insulation 12-24"	5% synthetic fiber	ND	None
HC-ASB-218	Condenser line near #4 heater	Grey Pipe insulation 12-24"	60% mineral wool	ND	None
HC-ASB-219	1st floor	White Pipe insulation 12-24"	2% synthetic fiber	ND	None
HC-ASB-232	M BFP M. O. discharge valve	Grey Pipe insulation 12-24"	2% cellulose	ND	None
HC-ASB-200	Turbine deck	Cream Pipe insulation > 24"	2% cellulose	ND	None
HC-ASB-221	Extraction steam pipe to # 3 heater	White Pipe insulation > 24"	10% synthetic fiber	ND	None
HC-ASB-220	13th STG steam supply pipe	Grey Pipe insulation > 24"	60% mineral wool	ND	None
HC-ASB-235	Ground	Beige Pipe insulation > 24"	10% cellulose 30% mineral wool	ND	None
HC-ASB-236	Ground	Beige Pipe insulation > 24"	30% cellulose	ND	None
HC-ASB-196	Turbine rupture disk outlet vessel	Grey Turbine rupture disk outlet vessel insulation, 2nd	20% mineral wool	ND	None
HC-ASB-197	Turbine rupture disk outlet vessel	Grey Turbine rupture disk outlet vessel insulation, 2nd	60% mineral wool	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-201	See Diagram	Black AC generator interior tar coating, 2nd	- - -	5%	Chrysotile
HC-ASB-202	See Diagram	- -	- -	NA/PS	- -
HC-ASB-203	Lockout-tagout/control room/turbine offices	White/Light Grey Ceiling Tile, 2' x 4'	10% 80% cellulose mineral wool	ND	None
HC-ASB-204	Lockout-tagout/control room/turbine offices	White/Light Grey Ceiling Tile, 2' x 4'	10% 80% cellulose mineral wool	ND	None
HC-ASB-205	Lockout-tagout/control room/turbine offices	White/Light Grey Ceiling Tile, 2' x 4'	10% 80% cellulose mineral wool	ND	None
HC-ASB-206	Lockout-tagout/control room/turbine offices	LAYER 1 Black Mastic	- - -	10%	Chrysotile
HC-ASB-206		LAYER 2 Light Grey Marbled Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-207	Lockout-tagout/control room/turbine offices	- -	- -	NA/PS	- -
HC-ASB-207		LAYER 2 Light Grey Marbled Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-208	Lockout-tagout/control room/turbine offices	- -	- -	NA/PS	- -
HC-ASB-208		LAYER 2 Light Grey Marbled Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-209	Lockout-tagout/control room/turbine offices	Black Vinyl Floor Tile, without Adhesive, 12" x 12"	- - -	ND	None
HC-ASB-210	Lockout-tagout/control room/turbine offices	LAYER 1 Cream Adhesive	- - -	ND	None
HC-ASB-210		LAYER 2 Grey Cove Base	- - -	ND	None
HC-ASB-211	Lockout-tagout/control room/turbine offices	LAYER 1 Cream Adhesive	- - -	ND	None
HC-ASB-211		LAYER 2 Grey Cove Base	- - -	ND	None
HC-ASB-212	3 N end cap	Grey Heater #3/4 shell insulation, 1st	80% mineral wool	ND	None
HC-ASB-213	4 W end cap	Grey Heater #3/4 shell insulation, 1st	60% mineral wool	ND	None
HC-ASB-214	1st floor	Grey Pipe elbow on fiberglass, 1st	30% mineral wool	ND	None
HC-ASB-215	1st floor	Grey Pipe elbow on fiberglass, 1st	60% mineral wool	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
HC-ASB-222	Generator voltage regulator room	White/Grey Ceiling Tile, 2' x 4'	20% 60%	cellulose mineral wool	ND	None
HC-ASB-223	Generator voltage regulator room	White/Grey Ceiling Tile, 2' x 4'	20% 60%	cellulose mineral wool	ND	None
HC-ASB-226	Tank end cap	White Tank shell, adjacent to surface condenser, GR	60%	mineral wool	ND	None
HC-ASB-227	Tank end cap	White Tank shell, adjacent to surface condenser, GR	60%	mineral wool	ND	None
HC-ASB-228	Tank End cap	Grey Water conditioning tank shell insulation, GR	60%	mineral wool	ND	None
HC-ASB-229	Tank End cap	Grey Water conditioning tank shell insulation, GR	60%	mineral wool	ND	None
HC-ASB-230	Tank end cap	Grey Sodium hydroxide tank 009A shell insulation, GR	60%	mineral wool	ND	None
HC-ASB-231	Tank shell	White Sodium hydroxide tank 009A shell insulation, GR	10%	synthetic fiber	ND	None
HC-ASB-237	Ground	Grey Caulking, GR		- - -	ND	None
HC-ASB-238	Ground	Grey Caulking, GR		- - -	ND	None
HC-ASB-239	Ground	Grey Caulking, GR		- - -	ND	None
HC-ASB-240	Surface condenser, Ground	Red Caulking, GR		- - -	ND	None
HC-ASB-241	Surface condenser, Ground	Red Caulking, GR		- - -	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

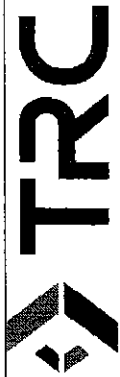
10/15/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Name:
Unit 3 Turbine Area
Homer city power plant

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 phase 2

Sampling Technician:
Antonio Conde, Frank DeLizo
Mobile App: BSI - HAZMAT Survey

Tracking Number:

Requested TAT:

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/07/21	HC-ASB-198	Pipe insulation 0-12", White	2nd Floor	CRV R/S west lower	
10/07/21	HC-ASB-216	Pipe insulation 0-12", White	2nd Floor	1st floor	
10/07/21	HC-ASB-217	Pipe insulation 0-12", White	2nd Floor	1st floor	
10/08/21	HC-ASB-233	Pipe insulation 0-12", White	2nd Floor	Ground	
10/08/21	HC-ASB-234	Pipe insulation 0-12", White	2nd Floor	Ground	
10/07/21	HC-ASB-199	Pipe insulation 12-24", White	2nd Floor	CRV R/S west lower	
10/07/21	HC-ASB-218	Pipe insulation 12-24", White	2nd Floor	Condenser line near #4 heater	
10/07/21	HC-ASB-219	Pipe insulation 12-24", White	2nd Floor	1st floor	
10/08/21	HC-ASB-232	Pipe insulation 12-24", White	2nd Floor	M BFP M. O. discharge valve	
10/07/21	HC-ASB-200	Pipe insulation > 24", White	2nd Floor	Turbine deck	
10/07/21	HC-ASB-221	Pipe insulation > 24", White	2nd Floor	Extraction steam pipe to # 3 heater	
10/07/21	HC-ASB-220	Pipe insulation > 24", White	2nd Floor	13th STG steam supply pipe	
10/08/21	HC-ASB-235	Pipe insulation > 24", White	2nd Floor	Ground	
10/08/21	HC-ASB-236	Pipe insulation > 24", White	2nd Floor	Ground	

AK-



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057736
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Unit 3 Warehouse, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-833	Unit three warehouse north end	Black/White Expansion joint	- - -	3%	Chrysotile
HC-ASB-834	Unit three warehouse north end	- -	- -	NA/PS	- -
HC-ASB-835	Unit three warehouse north end	- -	- -	NA/PS	- -
HC-ASB-836	Unit three warehouse south end.	- -	- -	NA/PS	- -
HC-ASB-837	Unit three warehouse south end	- -	- -	NA/PS	- -

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Kathleen Williamson, Laboratory Manager

Reviewed by:


Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

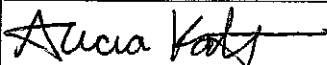
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57736

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
11231 Cornell Park Drive, Cincinnati, OH 45242		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Client: Homer city power generation		Tracking Number:		Requested TAT:	
Project Name: Unit three warehouse Homer city power plant					
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/01/21	HC-ASB-833	Expansion joint, Black	Unit Three Warehouse North End , Unit Three Warehouse South End.	Unit three warehouse north end	
10/01/21	HC-ASB-834	Expansion joint, Black	Unit Three Warehouse North End , Unit Three Warehouse South End.	Unit three warehouse north end	
10/01/21	HC-ASB-835	Expansion joint, Black	Unit Three Warehouse North End , Unit Three Warehouse South End.	Unit three warehouse north end	
10/01/21	HC-ASB-836	Expansion joint, Black	Unit Three Warehouse North End , Unit Three Warehouse South End.	Unit three warehouse south end.	
10/01/21	HC-ASB-837	Expansion joint, Black	Unit Three Warehouse North End , Unit Three Warehouse South End.	Unit three warehouse south end	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
1. (Print):		10/01/2021 1:57 pm America/New_York	Alicia Katz		10/11/2021 10:00
					
(Sign):					
II. (Print):					

57754

10/07/21	HC-ASB-196	Turbine rupture disk outlet vessel insulation, 2nd	2nd Floor	Turbine rupture disk outlet vessel	
10/07/21	HC-ASB-197	Turbine rupture disk outlet vessel insulation, 2nd	2nd Floor	Turbine rupture disk outlet vessel	
10/07/21	HC-ASB-201	AC generator interior tar coating, 2nd, Black	2nd Floor	See Diagram	
10/07/21	HC-ASB-202	AC generator interior tar coating, 2nd, Black	2nd Floor	See Diagram	
10/07/21	HC-ASB-203	Ceiling Tile, 2' x 4', White	2nd Floor	Lockout-tagout/control room/turbine offices	
10/07/21	HC-ASB-204	Ceiling Tile, 2' x 4', White	2nd Floor	Lockout-tagout/control room/turbine offices	
10/07/21	HC-ASB-205	Ceiling Tile, 2' x 4', White	2nd Floor	Lockout-tagout/control room/turbine offices	
10/07/21	HC-ASB-206	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey-marbled	2nd Floor	Lockout-tagout/control room/turbine offices	
10/07/21	HC-ASB-207	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey-marbled	2nd Floor	Lockout-tagout/control room/turbine offices	
10/07/21	HC-ASB-208	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey-marbled	2nd Floor	Lockout-tagout/control room/turbine offices	
10/07/21	HC-ASB-209	Vinyl Floor Tile, without Adhesive, 12" x 12", Black	2nd Floor	Lockout-tagout/control room/turbine offices	
10/07/21	HC-ASB-210	Cove Base, with Adhesive, Grey	2nd Floor	Lockout-tagout/control room/turbine offices	
10/07/21	HC-ASB-211	Cove Base, with Adhesive, Grey	2nd Floor	Lockout-tagout/control room/turbine offices	

AK

57754

					room/turbine offices	
10/07/21	HC-ASB-212	Heater #3/4 shell insulation, 1st , White		1st Floor	3 N end cap	
10/07/21	HC-ASB-213	Heater #3/4 shell insulation, 1st , White		1st Floor	4 W end cap	
10/07/21	HC-ASB-214	Pipe elbow on fiberglass, 1st , White		Throughout	1st floor	
10/07/21	HC-ASB-215	Pipe elbow on fiberglass, 1st , White		Throughout	1st floor	
10/07/21	HC-ASB-222	Ceiling Tile, 2' x 4', White		1st Floor	Generator voltage regulator room	
10/07/21	HC-ASB-223	Ceiling Tile, 2' x 4', White		1st Floor	Generator voltage regulator room	
10/08/21	HC-ASB-226	Tank shell, adjacent to surface condenser, GR, White		Ground	Tank end cap	
10/08/21	HC-ASB-227	Tank shell, adjacent to surface condenser, GR, White		Ground	Tank end cap	
10/08/21	HC-ASB-228	Water conditioning tank shell insulation, GR, White		Ground	Tank End cap	
10/08/21	HC-ASB-229	Water conditioning tank shell insulation, GR, White		Ground	Tank End cap	
10/08/21	HC-ASB-230	Sodium hydroxide tank 009A shell insulation, GR, Grey, White		Ground	Tank end cap	
10/08/21	HC-ASB-231	Sodium hydroxide tank 009A shell insulation, GR, Grey, White		Ground	Tank shell	
10/08/21	HC-ASB-237	Caulking, GR, White		Ground	Ground	
10/08/21	HC-ASB-238	Caulking, GR, White		Ground	Ground	
10/08/21	HC-ASB-239	Caulking, GR, White		Ground	Ground	
10/08/21	HC-ASB-240	Caulking, GR, Red		Throughout	Surface condenser, Ground	
10/08/21	HC-ASB-241	Caulking, GR, Red		Throughout	Surface condenser, Ground	
Special Instruction to Laboratory: N/A						
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION						
Relinquished By:			Date and Time		Received By:	Date and Time

AK

I.	(Print):				10/13/2021 11:15	
II.	(Sign): (Print):		Alicia Katze			
	(Sign):					
Email Results To:				Analytical Method: PLM EPA 600/R-93/116		Lab Comments:



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057676
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Units 1 & 2 Electric Pump Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-777	Units 1&2 electric fire pump building	Black/Brown Water pump flange gasket	- - -	ND	None
HC-ASB-778	Units 1&2 electric fire pump building	Black/Brown/Orange Water pump flange gasket	60% cellulose 10% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Joel Corso, Laboratory Analyst

Reviewed by:

Kathleen Williamson, Laboratory Manager

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

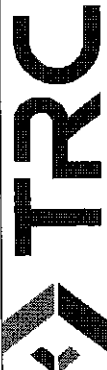
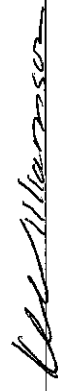
AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57676

 11231 Cornell Park Drive, Cincinnati, OH 45242			ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM		
Client: Homer city power generation			Project Number: 450190		
Project Name: Units one and two electric fire pump building Homer city power plant			Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:		
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-777	Water pump flange gasket , Black, Brown	Units 1&2 Electric Fire Pump Building	Units 1&2 electric fire pump building	
09/30/21	HC-ASB-778	Water pump flange gasket , Black, Brown	Units 1&2 Electric Fire Pump Building	Units 1&2 electric fire pump building	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print):		10/01/2021 7:15 am America/New_York		10/4/21 1000	
					
(Sign):					
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057672
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Units 1 & 2 Service Water Supply Bldg., 1750 Power Plant Rd, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-772	units 1&2 NIDs service water supply building exterior.	Grey Expansion caulk	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Kathleen Williamson, Laboratory Manager

Reviewed by:


Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

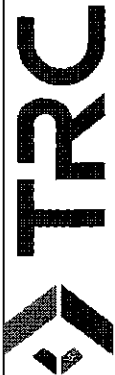
AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57672

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Units one and two service water supply building Homer city power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-772	Expansion caulk	Units 1&2 NIDs Service Water Supply Building Exterior.	units 1&2 NIDs service water supply building exterior.	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print):		10/01/2021 7:26 am America/New_York		10/4/21 1000	
					
(Sign):					
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057673
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Unlabeled Building 1, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-770	Unlabeled building 1 back door	Grey Rubbery Caulking	- - -	ND	None
HC-ASB-771	Unlabeled building 1 front door	Grey/Black Caulking	- - -	3%	Chrysotile

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

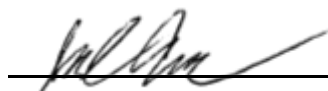
Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

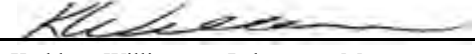
The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:


Joel Corso, Laboratory Analyst

Reviewed by:


Kathleen Williamson, Laboratory Manager

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

57673

 11231 Cornell Park Drive, Cincinnati, OH 45242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client: Homer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Unlabeled Building 1 Homer city power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-770	Caulking, Grey	Unlabeled Building 1 Doors	Unlabeled building 1 back door	
09/30/21	HC-ASB-771	Caulking, Grey	Unlabeled Building 1 Doors	Unlabeled building 1 front door	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Received By:		Date and Time	
1. (Print): (Sign):  II. (Print): (Sign):		10/01/2021 7:23 am America/New_York  		10/14/21 1000	
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057661
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/04/2021

Site: Waste Water Treatment, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-59	Breaker room	White Fireproofing	10% cellulose	ND	None
HC-ASB-60	Breaker room	White Fireproofing	10% cellulose	ND	None
HC-ASB-61	Control Room	White Fireproofing	10% cellulose	ND	None
HC-ASB-62	Control Room	White/Grey Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-63	Control Room	White/Grey Ceiling Tile, 2' x 4'	30% cellulose 60% mineral wool	ND	None
HC-ASB-64	Control Room	LAYER 1 Black Mastic	---	ND	None
HC-ASB-64		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-65	Control Room	LAYER 1 Black Mastic	---	ND	None
HC-ASB-65		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-66	Control Room	LAYER 1 Beige Adhesive	---	ND	None
HC-ASB-66		LAYER 2 Black Cove Base	---	ND	None
HC-ASB-67	Control Room	LAYER 1 Beige Adhesive	---	ND	None
HC-ASB-67		LAYER 2 Black Cove Base	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/04/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907

576061



11231 Cornell Park Drive, Cincinnati, OH 45242

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Client:
Homer City Generation Station

Project Number:
450190 Phase II

Sampling Technician:
Antonio Conde, Frank DeLizo
Mobile App: BSI - HAZMAT Survey

Project Name:
Waste Water Treatment (WWT)

Tracking Number:

Requested TAT:
PLM Standard TAT / TEM EPA NOB
24 Hour TAT

ASBESTOS BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-ASB-59	Fireproofing, White	Breaker Room, Control Room 2nd Floor	Breaker room	
09/30/21	HC-ASB-60	Fireproofing, White	Breaker Room, Control Room 2nd Floor	Breaker room	
09/30/21	HC-ASB-61	Fireproofing, White	Breaker Room, Control Room 2nd Floor	Control Room	
09/30/21	HC-ASB-62	Ceiling Tile, 2' x 4', White	Control Room, 2nd Floor	Control Room	
09/30/21	HC-ASB-63	Ceiling Tile, 2' x 4', White	Control Room, 2nd Floor	Control Room	
09/30/21	HC-ASB-64	Vinyl Floor Tile, with Black Mastic, 12" x 12", Tan	Control Room	Control Room	
09/30/21	HC-ASB-65	Vinyl Floor Tile, with Black Mastic, 12" x 12", Tan	Control Room	Control Room	
09/30/21	HC-ASB-66	Cove Base, with Adhesive, Black	Control Room	Control Room	
09/30/21	HC-ASB-67	Cove Base, with Adhesive, Black	Control Room	Control Room	

Special Instruction to Laboratory:

N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde	10/01/2021 7:19 am America/New_York	<i>Antonio Conde</i>	10/4/21
<i>Antonio Conde</i>		<i>Antonio Conde</i>	1000
(Sign):			
Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057663
Project #: 450190.0002.0000
Date Received: 10/04/2021
Date Analyzed: 10/06/2021

Site: Water Filtration Building, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-756	Exterior pipe water filtration building	White insulation, exterior pipe	- - -	ND	None
HC-ASB-757	Exterior pipe water filtration building	White insulation, exterior pipe	- - -	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/07/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

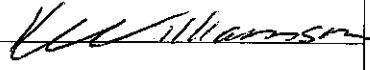
ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907

57663

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation		Project Number:		Sampling Technician: Mobile App: BSI - HAZMAT Survey Requested TAT:	
Project Name: Water Filtration Building Homer City Power plant		Tracking Number:			
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
09/29/21	HC-ASB-756	Insulation, Exterior pipe, White	N/A	Exterior pipe water filtration building	
09/29/21	HC-ASB-757	Insulation, Exterior pipe, White	N/A	Exterior pipe water filtration building	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
I. (Print):		09/29/2021 7:49 pm America/New_York			10/4/21
					1000
(Sign):					
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:	



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057859
Project #: 450190.0002.0000
Date Received: 10/27/2021
Date Analyzed: 10/28/2021

Site: 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
WTL-PL-1A	WTL	LAYER 1 White skim coat	---	ND	None
WTL-PL-1A		LAYER 2 Grey base coat	---	ND	None
WTL-PL-1B	WTL	LAYER 1 Light Grey skim coat	---	ND	None
WTL-PL-1B		LAYER 2 Grey base coat	---	ND	None
WTL-PL-1C	WTL	LAYER 1 White skim coat	---	ND	None
WTL-PL-1C		LAYER 2 Grey base coat	---	ND	None
WTL-PL-1D	WTL	LAYER 1 White skim coat	---	ND	None
WTL-PL-1D		LAYER 2 Grey base coat	---	ND	None
WTL-PL-1E	WTL	LAYER 1 White skim coat	---	ND	None
WTL-PL-1E		LAYER 2 Grey base coat	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
------------	-----------------	----------------------------------	------------------------	------------	---------------

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/28/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

PROJECT NUMBER

450190.0000.0000

PROJECT NAME

HOMER CITY SENIOR

LAB ID #. 57859

TURNAROUND TIME

PLM:	8hr	24hr	48hr	3day
TEM:	24hr	48hr	3day	5day

PARAMETERS

PLM EPA 600/R93/116
(POSITIVE STOP)

PLM EPA 600/R93/116
(w/ gravimetric reduction)
(POSITIVE STOP)

ANALYZE BY LAYER

POINT COUNT
(IF >1% & <10%)

TEM NY NOB 198.4
(IF PLM SERIES NEG)

MATERIAL

Ceiling Plaster (2) coats

INSPECTOR

W. Gibson / F. Delizo

TYPE
COMP
GRAB

SAMPLE LOCATION

FIELD
SAMPLE
NUMBER

WTL-PL-
1A-B-C-D-E 10/23/21

TIME

DATE

Relinquished by: (Signature)

W. Gibson

Date:

12/23/21

Time:

1500

Received by: (Signature)

W. Gibson

Date:

10/27/24

Relinquished by: (Signature)

(Printed)

Date:

Time:

Received by: (Signature)

(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ☒ No ☐
Comments:



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057734
Project #: 450190.0002.0000
Date Received: 10/11/2021
Date Analyzed: 10/11/2021

Site: Water Treating Lab, 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-844	Water treatment lab	Black/Tan Lab counter	---	ND	None
HC-ASB-845	Water treatment lab	Black/Tan Lab counter	---	ND	None
HC-ASB-846	Water treatment lab	LAYER 1 Black Mastic	---	ND	None
HC-ASB-846		LAYER 2 White Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-847	Water treatment lab	LAYER 1 Black Mastic	---	ND	None
HC-ASB-847		LAYER 2 White Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-848	Water treatment lab	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 10% mineral wool	ND	None
HC-ASB-849	Water treatment lab	White/Grey Ceiling Tile, 2' x 4'	60% cellulose 10% mineral wool	ND	None
HC-ASB-850	Water treatment lab	LAYER 1 White Skim Coat	---	ND	None
HC-ASB-850		LAYER 2 Grey Base Coat	---	ND	None
HC-ASB-851	Water treatment lab	LAYER 1 White Skim Coat	---	ND	None
HC-ASB-851		LAYER 2 Grey Base Coat	---	ND	None
HC-ASB-852	Water treatment lab fume hood	Grey/Tan Cement Board	---	20%	Chrysotile
HC-ASB-853	Water treatment lab	LAYER 1 Yellow Mastic	---	ND	None
HC-ASB-853		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---	ND	None
HC-ASB-854	Water treatment lab	LAYER 1 Yellow Mastic	---	ND	None
HC-ASB-854		LAYER 2 Tan Vinyl Floor Tile, 12" x 12"	---	ND	None

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP,LLC #100122
VT #AL910359 LA#05011
PHIL# 461

CT #PH-0426
VA #3333 000283
PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980 WV #000622
NJ #CT004 CA #2907



POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-855	Water treatment lab office	LAYER 1 Yellow Adhesive	- - -	ND	None
HC-ASB-855		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-856	Water treatment lab office	LAYER 1 Yellow Adhesive	- - -	ND	None
HC-ASB-856		LAYER 2 Grey Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-857	Water treatment lab office under grey floor tile	LAYER 1 Yellow/Black Adhesive	- - -	5%	Chrysotile
HC-ASB-857		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-858	Water treatment lab office under grey floor tile	LAYER 1 Yellow Adhesive	- - -	ND	None
HC-ASB-858		LAYER 2 Brown Vinyl Floor Tile, 12" x 12"	- - -	ND	None
HC-ASB-859	Water treatment lab second floor.	Brown Ceiling Glue Pucks	- - -	ND	None
HC-ASB-860	Water Treatment lab second floor	Brown Ceiling Glue Pucks	- - -	ND	None
HC-ASB-861	Water treatment lab second floor	Brown Ceiling Glue Pucks	- - -	ND	None
HC-ASB-862	Water treatment lab second floor	White Insulation, Pipe Elbows / Fittings	10% cellulose 60% mineral wool	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/14/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

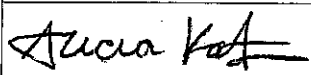
WV #000622
CA #2907

57734

		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer city power generation		Project Number: 450190		Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	
Project Name: Water treating lab Homer city power plant		Tracking Number:		Requested TAT:	
ASBESTOS BULK SAMPLE INFORMATION					
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)
10/01/21	HC-ASB-844	Lab counter , Black, Tan	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-845	Lab counter , Black, Tan	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-846	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-847	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-848	Ceiling Tile, 2' x 4', White	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-849	Ceiling Tile, 2' x 4', White	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-850	Plaster ceiling above ceiling tiles , Grey, White	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-851	Plaster ceiling above ceiling tiles , Grey, White	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-852	Cement Board, Grey, Tan	Transite Panels In The Fume Hoods	Water treatment lab fume hood	
10/01/21	HC-ASB-853	Vinyl Floor Tile, with Black Mastic, 12" x 12", Tan	Water Treatment Lab Northwest Corner Of The Lab Only.	Water treatment lab	
10/01/21	HC-ASB-854	Vinyl Floor Tile, with Black Mastic, 12" x 12", Tan	Water Treatment Lab Northwest Corner Of The Lab Only.	Water treatment lab	
10/01/21	HC-ASB-855	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Grey	Water Treatment Lab Office	Water treatment lab office	
10/01/21	HC-ASB-856	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Grey	Water Treatment Lab Office	Water treatment lab office	
10/01/21	HC-ASB-857	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Brown	Water Treatment Lab Office Under Grey Tiles	Water treatment lab office under grey floor tile	

AK

57734

10/01/21	HC-ASB-858	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Brown	Water Treatment Lab Office Under Grey Tiles	Water treatment lab office under grey tile	
10/02/21	HC-ASB-859	Ceiling glue pucks , Brown	Water Treatment Lab Second Floor	Water treatment lab second floor.	
10/02/21	HC-ASB-860	Ceiling glue pucks , Brown	Water Treatment Lab Second Floor	Water Treatment lab second floor	
10/02/21	HC-ASB-861	Ceiling glue pucks , Brown	Water Treatment Lab Second Floor	Water treatment lab second floor	
10/02/21	HC-ASB-862	Insulation, Pipe Elbows / Fittings, White	Water Treatment Lab Second Floor	Water treatment lab second floor	
Special Instruction to Laboratory: N/A					
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION					
Relinquished By:		Date and Time	Received By:		Date and Time
1. (Print):		10/02/2021 8:54 am America/New_York	Alicia Katz		10/11/2021 10:00
(Sign): 					
II. (Print):					
(Sign):					
Email Results To:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City

Lab Log #: 0057857
Project #: 450190.0002.0000
Date Received: 10/27/2021
Date Analyzed: 10/28/2021

Site: 1750 Power Plant Road, Homer City, PA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
WWT-FP-1A	WWT	Grey spray on fireproofing	30% cellulose	ND	None
WWT-FP-1B	WWT	Grey spray on fireproofing	30% cellulose	ND	None
WWT-FP-1C	WWT	Grey spray on fireproofing	30% cellulose	ND	None
WWT-FP-1D	WWT	Grey spray on fireproofing	30% cellulose	ND	None

ND - asbestos was not detected

Trace - asbestos was observed at level of 1% or less - This is the reporting limit

NA/PS - Not Analyzed / Positive Stop

SNA - Sample Not Analyzed- See Chain of Custody for details

Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyzed by:

A handwritten signature in black ink, appearing to read "K Williamson", written over a horizontal line.

Kathleen Williamson, Laboratory Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "Joel Corso", written over a horizontal line.

Joel Corso, Approved Signatory

Date Issued

10/28/2021

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0
RI #PLM0007 TX #300354
CO# AL-15020

AIHA-LAP, LLC #100122 CT #PH-0426
VT #AL910359 LA#05011 VA #3333 000283
PHIL# 461 PA#68-03387

ME LA-0075, LB-0071
AZ #A20944

MA #AA000052
HI #L-09-004

NY #10980
NJ #CT004

WV #000622
CA #2907



Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

PROJECT NUMBER

4501900000000000

PROJECT NAME

HOMER CITY SENIOR

LAB ID # 57857

TURNAROUND TIME

PLM:	8hr	24hr	48hr	3day
TEM:	24hr	48hr	3day	5day

PARAMETERS

PLM EPA 600/R93/116
(POSITIVE STOP)

PLM EPA 600/R93/116
(w/ gravimetric reduction)
(POSITIVE STOP)

ANALYZE BY LAYER

POINT COUNT
(IF > 1% & < 10%)

TEM NY NOB 198.4
(IF PLM SERIES NEG)

MATERIAL

Sprayed-on fire proofing

INSPECTOR

W Gibson / F Delia

TYPE

COMP

GRAB

SAMPLE LOCATION

FIELD
SAMPLE
NUMBER

TIME

DATE

WKT-EP
1A3CD

10/23/21

X

X

Relinquished by: (Signature)

W Gibson

Date:

10/23/21

Time:

1500

Received by: (Signature)

W Gibson

Relinquished by: (Signature)

(Printed)

Date:

10/27/21

Received by: (Signature)

(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ☒ No ☐

Comments:



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Frank DeLizio
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

Bin 4 Homer City power plant

The reference number for these samples is EMSL Order #012111601. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111601

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: **Bin 4 Homer City power plant****Analytical Results**

Client Sample Description HC-PCB-06
Expansion Joint Caulk
Collected: 10/5/2021
Lab ID: 012111601-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1254	ND D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1260	180000 D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1268	ND D	4300 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111601



PCB BULK SAMPLE CHAIN OF CUSTODY FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power GenerationProject Number:
450190 phase 2Sampling Technician:
Kyle Miller, Wayne Gibson

Project Name:

Tracking Number:

Requested TAT:

Bin 4

Homer City power plant

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
10/05/21	HC-PCB-06	Expansion Joint Caulk		

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Kyle Miller		Frank Delizio	10-9-21
	10/08/2021 8:14 pm America/New_York	Frank Delizio	10-9-21
II. (Print): Frank Delizio	10-10-21	Chadwick	10/11/21 9:00
(Sign): Frank Delizio		Coleen Palladino	10/11/21 9:11m
Email Results To: d.brown@trccompanies.com	Analytical Method: PCB	Lab Comments:	

20.5°C
rec'd in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**H. Howard
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/19/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

Cooling tower 1 Homer city power plant 450190 phase 2

The reference number for these samples is EMSL Order #012111620. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111620
CustomerID: PAYE50
CustomerPO:
ProjectID:

Attn: **H. Howard**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/21 9:00 AM

Project: **Cooling tower 1 Homer city power plant 450190 phase 2**

Analytical Results

Client Sample Description HC-PCB-09 **Collected:** 10/8/2021 **Lab ID:** 012111620-0001
Unit 1 cooling tower entrance door

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH
3546/8082A	Aroclor-1221	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH
3546/8082A	Aroclor-1232	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH
3546/8082A	Aroclor-1242	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH
3546/8082A	Aroclor-1248	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH
3546/8082A	Aroclor-1254	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH
3546/8082A	Aroclor-1260	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH
3546/8082A	Aroclor-1262	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH
3546/8082A	Aroclor-1268	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 EH

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111620



PCB BULK SAMPLE CHAIN OF CUSTODY FORM

Client: 11231 Cornell Park Drive, Cincinnati, OH 45242

Project Name: Homer city power generation

Cooling tower 1
Homer city power plant

Project Number:
450190 phase 2

Tracking Number:

Sampling Technician:
Kyle Miller, Wayne Gibson

Requested TAT:

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
10/08/21	HC-PCB-09	Caulking	Unit 1 cooling tower entrance door	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Kyle Miller		<i>Balaram Laksh</i> (DB)	10/11/21
II. (Sign): <i>h</i>	10/08/2021 7:50 pm America/New_York		10:30am
(Sign):			
Email Results To:	Analytical Method: PCB	Lab Comments:	

COC rec'd 10/12 BC
5 day TAT per email 16.1C
10/12 BC

rec'd in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Frank DeLizio
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

Cooling Tower 2 Homer City power plant

The reference number for these samples is EMSL Order #012111602. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111602

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: **Cooling Tower 2 Homer City power plant****Analytical Results**

Client Sample Description HC-PCB-14
Cooling tower 2 stairs
Collected: 10/8/2021
Lab ID: 012111602-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1254	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1260	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1268	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111602



PCB BULK SAMPLE CHAIN OF CUSTODY
FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer city power generation

Project Name:
Cooling tower 2

Homer City power plant

Project Number:
450190 phase 2

Tracking Number:
Requested TAT:

Sampling Technician:
Kyle Miller, Wayne Gibson

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
10/08/21	HC-PCB-14	Caulking	Cooling tower 2 stairs	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Frank Delizo	10-10-21	Colleen Palladino	10/11/21 9AM
(Sign): 			
II. (Print): 			
(Sign): 			
Email Results To: dbrunoff@trccompanies.com	Analytical Method: PCB	Lab Comments:	

howard@trccompanies.com

20.8°C
in din plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Frank DeLizio
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

Cooling tower 3 Homer City power plant

The reference number for these samples is EMSL Order #012111605. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111605

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: **Cooling tower 3 Homer City power plant****Analytical Results**

Client Sample Description HC-PCB-17
Caulking
Collected: 10/8/2021
Lab ID: 012111605-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1254	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1260	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1268	ND D	0.99 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



012111605

PCB BULK SAMPLE CHAIN OF CUSTODY FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer city power generation

Project Number:
450190 phase 2

Sampling Technician:
Kyle Miller, Wayne Gibson

Project Name:
Cooling tower 3
Homer City power plant

Tracking Number:

Requested TAT:

PCB BULK SAMPLE INFORMATION			
Sample Date	Sample Identification	Material Description	Sample Location
10/08/21	HC-PCB-17	Caulking	
		Lab Identification (Lab Use Only)	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION			
Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Frank Delizio	10-10-21	Colleen Paladino	10/11/21 9 AM
(Sign): 			
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PCB	Lab Comments:	

dhawnytrccompanies.com
in howard@trccompanies.com

20.8°C
rec'd in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**H. Howard
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

450190 Phase II Main Gate Security Building

The reference number for these samples is EMSL Order #012111610. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111610

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **H. Howard**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
 Fax: (513) 489-2533
 Received: 10/11/2021 09:00 AM

Project: 450190 Phase II Main Gate Security Building

Analytical Results

Client Sample Description HC-PCB-04
 North exterior wall
Collected: 9/29/2021
Lab ID: 012111610-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1254	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1260	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1268	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Client Sample Description HC-PCB-07
 South exterior wall
Collected: 9/29/2021
Lab ID: 012111610-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1254	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1260	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111610

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **H. Howard**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: 450190 Phase II Main Gate Security Building

Analytical Results

Client Sample Description HC-PCB-07
South exterior wall
Collected: 9/29/2021
Lab ID: 012111610-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1268	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Definitions:

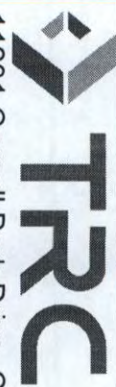
MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:

Homer City Power Generation

Project Name:

Main Gate Security Building

PCB BULK SAMPLE CHAIN OF CUSTODY FORM

Project Number:
450190 Phase II

Sampling Technician:

Tracking Number:

Requested TAT:

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
09/29/21	HC-PCB-04	Expansion Joint	North exterior wall	
09/29/21	HC-PCB-07	Window Caulking	South Exterior wall	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
I. (Print): Frank Delizio	10-10-21	Colleen Palladino	10/11/21 9am
(Sign): 			
II. (Print):			
(Sign):			
Email Results To: hhoward@trccompanies.com	Analytical Method: PCB	Lab Comments:	

abrown@trccompanies.com

email for how to log
and TAT 10/11/21per email 5 days and by location
10/11/2120.8°C
rec'd in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Frank DeLizio
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

SERT Building

The reference number for these samples is EMSL Order #012111607. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111607
CustomerID: PAYE50
CustomerPO:
ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: **SERT Building****Analytical Results**

Client Sample Description HC-PCB-03
Outdoor Panel Caulking Outside SERT building
(composite)
Collected: 9/29/2021
Lab ID: 012111607-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.98 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111607

PCB BULK SAMPLE CHAIN OF CUSTODY
FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Number:

Sampling Technician:

Project Name:
SERT Building

Tracking Number:

Requested TAT:

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
09/29/21	HC-PCB-03	Outdoor Panel Caulking	Outside SERT building (composite)	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Frank Deluzio	10-10-21	Debra Palladino	10/11/21 9am
(Sign): 			
II. (Print): 			
(Sign):			
Email Results To: howard@trccompanies.com	Analytical Method: PCB	Lab Comments:	

d h o w a r d @ t r c c o m p a n i e s . c o m

20.8°C
resid in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**H. Howard
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

450190 Phase II Unit 2 Boiler Area

The reference number for these samples is EMSL Order #012111600. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111600

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **H. Howard**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: 450190 Phase II Unit 2 Boiler Area

Analytical Results

Client Sample Description HC-PCB-21
6th Floor **Collected:** 10/8/2021 **Lab ID:** 012111600-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1254	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1260	0.91 D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1268	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111600



PCB BULK SAMPLE CHAIN OF CUSTODY FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power GenerationProject Number:
450190 Phase IISampling Technician:
Antonio Conde, Frank DelizoProject Name:
Unit 2 Boiler Area

Tracking Number:

Requested TAT:
Standard

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
10/08/21	HC-PCB-21	Grey Floor Expansion Joint	6th floor	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde		Frank Delizo	10-9-21
<i>Frank Delizo</i>	10/08/2021 12:37 pm America/New_York	<i>Frank Delizo</i>	
II. (Print): Frank Delizo		<i>Colleen Colledge</i>	10/11/21 9am
(Sign): <i>Frank Delizo</i>	10-10-21		
Email Results To: dhoward@trccompanies.com	Analytical Method: PCB	Lab Comments:	

howard@trccompanies.com

email to confirm all 1 project
or separate 10/11/21per email report by building on 5 day M/T
10/11/2180.8°C
res'd in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**H. Howard
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

Unit three acid injection building

The reference number for these samples is EMSL Order #012111609. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111609

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **H. Howard**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: **Unit three acid injection building****Analytical Results**

Client Sample Description HC-PCB-05
Unit 3 acid injection building exterior

Collected: 10/1/2021 **Lab ID:** 012111609-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1254	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1260	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1268	ND D	0.87 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111609



PCB BULK SAMPLE CHAIN OF CUSTODY FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

Client:

Homer city power generation

Project Number:

Sampling Technician:

Project Name:

Unit three acid injection building

Tracking Number:

Requested TAT:

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
10/01/21	HC-PCB-05	Expansion Joint Caulk	Unit 3 acid injection building exterior	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Wayne Gibson		Frank Delizio	10-9-21
	10/01/2021 2:10 pm America/New_York	Frank Delizio	
		Colleen Palladino	10/11/21 9am
II. (Sign): Frank Delizio			
(Sign): Frank Delizio	10.10.21		
Email Results To: abrown@trccompanies.com whoward@trccompanies.com	Analytical Method: PCB	Lab Comments:	

email to confirm how to log and that 10/11/21
per email by location and 5 day TAT 10/11/21

20.80C
rec'd in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Frank DeLizio
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255

Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

Unit 3 Boiler Area Homer power point

The reference number for these samples is EMSL Order #012111603. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111603

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
 Fax: (513) 489-2533
 Received: 10/11/2021 09:00 AM

Project: **Unit 3 Boiler Area Homer power point****Analytical Results**

Client Sample Description HC-PCB-10 **Collected:** 10/8/2021 **Lab ID:** 012111603-0001
 Clear Caulking Economizer water pipes

Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.89 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH

Client Sample Description HC-PCB-13 **Collected:** 10/8/2021 **Lab ID:** 012111603-0002
 Paint

Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.85 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.85 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.85 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.85 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.85 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.85 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.85 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.85 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111603

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
 Fax: (513) 489-2533
 Received: 10/11/2021 09:00 AM

Project: **Unit 3 Boiler Area Homer power point****Analytical Results**

Client Sample Description HC-PCB-13
Paint
Collected: 10/8/2021
Lab ID: 012111603-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1268	ND D	0.85 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Client Sample Description HC-PCB-20
Red Seal Caulking Ground
Collected: 10/8/2021
Lab ID: 012111603-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1254	1.0 D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1260	ND D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00
3546/8082A	Aroclor-1268	ND D	0.89 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111603



PCB BULK SAMPLE CHAIN OF CUSTODY FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power GenerationProject Number:
450190 phase 2Sampling Technician:
Antonio Conde, Frank DelizoProject Name:
Unit 3 Boiler Area
Homer City power plant

Tracking Number:

Requested TAT:

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
10/08/21	HC-PCB-10	Clear Caulking	Economizer water pipes	
10/08/21	HC-PCB-13	Paint		
10/08/21	HC-PCB-20	Red Seal Caulking	Ground	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Frank Delizo			
(Sign): 	10-10-21		10/11/21 9AM
II. (Print):			
(Sign):			
Email Results To: dbrun@trccompanies.com	Analytical Method: PCB	Lab Comments:	

Howard@trccompanies.com

20.8°C
rec'd in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**H. Howard
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

**450190 Unit three make up booster pump house Homer city
power plant**

The reference number for these samples is EMSL Order #012111608. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111608

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **H. Howard**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
 Fax: (513) 489-2533
 Received: 10/11/2021 09:00 AM

Project: 450190 Unit three make up booster pump house Homer city power plant

Analytical Results

Client Sample Description HC-PCB-02 **Collected:** 9/30/2021 **Lab ID:** 012111608-0001
 Unit #3 make-up booster pump house

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1016	ND D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00
3546/8082A	Aroclor-1221	ND D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00
3546/8082A	Aroclor-1232	ND D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00
3546/8082A	Aroclor-1242	ND D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00
3546/8082A	Aroclor-1248	ND D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00
3546/8082A	Aroclor-1254	ND D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00
3546/8082A	Aroclor-1260	2.9 D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00
3546/8082A	Aroclor-1262	ND D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00
3546/8082A	Aroclor-1268	ND D	0.97 mg/Kg	10/12/2021 OM	10/15/2021 EH 00:00

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111608



11231 Cornell Park Drive, Cincinnati, OH 45242

PCB BULK SAMPLE CHAIN OF CUSTODY
FORMClient:
Homer city power generationProject Number:
450190Sampling Technician:
Kyle Miller, Wayne GibsonProject Name:
Unit three make up booster pump house
Homer city power plant

Tracking Number:

Requested TAT:

PCB BULK SAMPLE INFORMATION

Sample Date	Sample Identification	Material Description	Sample Location	Lab Identification (Lab Use Only)
09/30/21	HC-PCB-02	Expansion Caulk	Unit #3 make-up booster pump house.	

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Frank DeLizio		Colleen Calladio	10/11/21 gmm
(Sign): 	10-10-21		
II. (Print):			
(Sign):			
Email Results To:	Analytical Method: PCB	Lab Comments:	

abrown@ccampbell.com
brown@trccampbell.com

email to confirm how to log 10/11/21
and that
per email 5 day and by location 10/11/21

20.80C
red in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Frank DeLizio
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

Unit 3 Turbine Area Homer city power plant

The reference number for these samples is EMSL Order #012111606. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111606

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
 Fax: (513) 489-2533
 Received: 10/11/2021 09:00 AM

Project: **Unit 3 Turbine Area Homer city power plant****Analytical Results**

Client Sample Description HC-PCB-18
 Black Floor Expansion Joint Ground
Collected: 10/8/2021
Lab ID: 012111606-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1254	5.0 D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1260	1.7 D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.97 mg/Kg	10/12/2021	OM	10/15/2021 00:00	EH

Client Sample Description HC-PCB-19
 Red Seal Caulking Surface condenser
Collected: 10/8/2021
Lab ID: 012111606-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111606

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: **Unit 3 Turbine Area Homer city power plant****Analytical Results**

Client Sample Description HC-PCB-19 **Collected:** 10/8/2021 **Lab ID:** 012111606-0002
Red Seal Caulking Surface condenser

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3546/8082A	Aroclor-1268	ND D	0.91 mg/Kg	10/12/2021 OM	10/13/2021 EH 00:00

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



012111606

PCB BULK SAMPLE CHAIN OF CUSTODY FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer City Power Generation

Project Number:
450190 phase 2

Sampling Technician:
Antonio Conde, Frank Delizo

Project Name:
Unit 3 Turbine Area
Homer city power plant

Tracking Number:

Requested TAT:

PCB BULK SAMPLE INFORMATION			
Sample Date	Sample Identification	Material Description	Sample Location
10/08/21	HC-PCB-18	Black Floor Expansion Joint	Ground
10/08/21	HC-PCB-19	Red Seal Caulking	Surface condenser

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION			
Relinquished By:	Date and Time	Received By:	Date and Time
I. (Print): Frank Delizio	10-10-21	Colleen Palladino	10/11/21 9am
.. (Sign): 			
II. (Print): 			
(Sign):			
Email Results To:	Analytical Method: PCB	Lab Comments:	

dlbrun@trccompanies.com
howard@trccompanies.com

20.80C
resid in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Frank DeLizio
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242**

10/18/2021

Phone: (513) 489-2255
Fax: (513) 489-2533

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/11/2021. The results are tabulated on the attached data pages for the following client designated project:

**Units one and two service water supply building Homer city
power plant**

The reference number for these samples is EMSL Order #012111604. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012111604

CustomerID: PAYE50

CustomerPO:

ProjectID:

Attn: **Frank DeLizio**
TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

Phone: (513) 489-2255
Fax: (513) 489-2533
Received: 10/11/2021 09:00 AM

Project: **Units one and two service water supply building Homer city power plant****Analytical Results**

Client Sample Description HC-PCB-01
units 1&2 NIDs service water supply building exterior
Collected: 9/30/2021
Lab ID: 012111604-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.91 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

012111604



11231 Cornell Park Drive, Cincinnati, OH 45242

Client:
Homer city power generationProject Number:
450190Sampling Technician:
Kyle Miller, Wayne GibsonProject Name:
Units one and two service water supply building
Homer city power plant

Tracking Number:

Requested TAT:

PCB BULK SAMPLE CHAIN OF CUSTODY
FORM

PCB BULK SAMPLE INFORMATION			
Sample Date	Sample Identification	Material Description	Sample Location
09/30/21	HC-PCB-01	Expansion Caulk	units 1&2 NIDs service water supply building exterior.

Special Instruction to Laboratory:
N/A

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Relinquished By:		Date and Time		Received By:		Date and Time	
1. (Print): Kyle Miller				Frank Delizio		10-9-21	
		10/01/2021 7:25 am Amesbury Power Plants		Frank Delizio			
				Colleen Paladino		10/11/21 9 AM	
II. (Print): Frank Delizio		10-10-24					
(Sign): <i>Frank Delizio</i>							
Email Results To:		Analytical Method:		Lab Comments:			
dhoward@trccompanies.com		PCB					

dhoward@trccompanies.com
khoward@trccompanies.com90.8°C
res in plastic



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Dan Bruun
TRC Exton
140 South Village Avenue
Suite 130
Exton, PA 19341**

11/2/2021

Phone: (610) 524-5525

Fax: (610) 524-0565

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/26/2021. The results are tabulated on the attached data pages for the following client designated project:

Homer City/Maintenance and Mech Bldg

The reference number for these samples is EMSL Order #012112225. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012112225

CustomerID: OSRC50

CustomerPO:

ProjectID:

Attn: **Dan Bruun**
TRC Exton
140 South Village Avenue
Suite 130
Exton, PA 19341

Phone: (610) 524-5525
Fax: (610) 524-0565
Received: 10/26/21 10:00 AM

Project: **Homer City/Maintenance and Mech Bldg****Analytical Results****Client Sample Description** ME-PCB-1**Collected:** 10/21/2021**Lab ID:** 012112225-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3540C/8082A	Aroclor-1016	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL
3540C/8082A	Aroclor-1221	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL
3540C/8082A	Aroclor-1232	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL
3540C/8082A	Aroclor-1242	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL
3540C/8082A	Aroclor-1248	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL
3540C/8082A	Aroclor-1254	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL
3540C/8082A	Aroclor-1260	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL
3540C/8082A	Aroclor-1262	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL
3540C/8082A	Aroclor-1268	ND D	0.90 mg/Kg	10/26/2021 ER	10/27/21 0:00 TL

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS + TRAINING

Environmental Chemistry Chain of Custody

PHONE:
FAX:

012112225

Report To Contact Name: <u>Heath Howard / Dan Bruun</u>				Bill To Company: <u>TRC</u>							
Company Name: <u>TRC</u>				Attention To: <u>Heath Howard / Dan Bruun</u>							
Street: <u>140 S. Village Ave</u>				Street: <u>Same</u>							
City: <u>Exton</u>		State/Province: <u>PA</u>		Zip/Postal Code: <u>19346</u>		City: <u>Same</u>					
Phone:		Fax:		Phone:		Fax:					
Project Name: <u>Homer City / Maintenance + Mech Bldg</u>				Email Results To: <u>howard@trccompanies.com</u>							
U.S. State where Samples Collected: <u>PA</u>				Number of Samples in Shipment: <u>1</u>							
Sample for Compliance? Yes ☐ No ☒ If yes, NPDES? ☐ Other (Specify):				Samples Received Chilled (Y/N) ☒							
Samples Collected by: <u>EMSL</u>		Client ☒ Check one		Sampled By (Signature): <u>[Signature]</u>		Samples Received Chilled (Y/N) ☒					
Standard Turnaround Time: ☐ 2 Weeks		The following TATs are subject to lab approval: ☒ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day									
Failure to complete will hinder processing of samples				List Test(s) Needed							
Client Sample ID	Comp	Grab	Collect Date/Time	Matrix	Preservative	Field pH	Field pH Test Time	Field Temp. Deg C	Field Temp. Test Time	Comments	
				W=Water S=Soil A=Air SL=Sludge O=Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other						
ME-PCB-1	☐	☒	10-21-21	O	None	X	PCBs				
	☐	☐									
	☐	☐									
	☐	☐									
	☐	☐									
Released By (Signature): <u>[Signature]</u>			Date & Time: <u>10-25-21</u>			Received By: <u>Colleen Paladino</u>			Date & Time: <u>10/26/21 10AM</u>		

Please indicate reporting requirements: ☒ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ Disk Deliverable ☐ Other _____

Note: Field pH and Field Temperature are tested on the same day as the date of sample collection.

Appendix D – Certifications

PENNSYLVANIA ASBESTOS CERTIFICATION

015750



Sex	Height	Eyes	Birth Date
M	6'00"	BLK	03/30/1951

Expires	Issue Date
01/07/2022	02/11/2021

Class
INSPECTOR

WAYNE GIBSON
131 CARNATION DRIVE
DEPTFORD NJ 08096

[Handwritten signature]

Certificate of Completion

awarded to

Wayne Gibson

for successfully completing the prescribed course of study in

Pennsylvania Asbestos Building Inspector Refresher Course

under TSCA Title II

presented by

ACCESS TRAINING SERVICES, INC.

7921 River Road, Pennsauken, NJ 08110

(856) 665-3449

1/7/21

Course Date

N/A

Exam Date

1/7/22

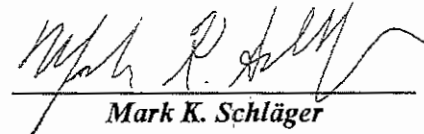
Expiration Date

Not Provided

Social Security Number

ACC-0121-6-004

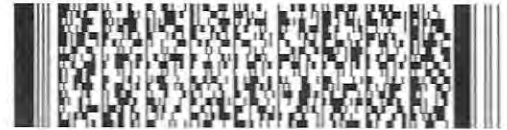
Certificate Number



Mark K. Schlager
Training Director

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF LABOR AND INDUSTRY
ASBESTOS OCCUPATIONS CERTIFICATION

FRANK DELIZIO
217 EAST BROAD ST
BURLINGTON NJ 08016



Birthdate: 10/03/60
Sex: M
Eyes: BLU
Height: 5 08

Certification Number: 027706
Class: INSPECTOR
Issue Date: 02/10/21
Expiration Date: 01/07/22

INSTRUCTIONS

To receive an Asbestos Occupations Certification Photo Identification card, take this form and a second form of PHOTO IDENTIFICATION to any PennDOT photo license center. To find a PennDOT location near you, visit PennDOT's website at www.dmv.pa.gov or call 1-800-932-4600.

Check the printed information on this form. If an error has been made in printing, notify the Bureau of Occupational & Industrial Safety IMMEDIATELY at (717) 772-3396. Do NOT make any corrections on this form.

This form is valid as a temporary Asbestos Occupations Certification for 30 days from the ISSUE DATE. After 30 days, the form is not valid as an Asbestos Occupations Certification, but it may be used to process a Photo Identification Card until the EXPIRATION DATE.

Certificate of Completion

awarded to

Frank DeLizio

for successfully completing the prescribed course of study in

Pennsylvania Asbestos Building Inspector Refresher Course

under TSCA Title II

presented by

ACCESS TRAINING SERVICES, INC.
7921 River Road, Pennsauken, NJ 08110
(856) 665-3449

1/7/21

Course Date

N/A

Exam Date

1/7/22

Expiration Date

Not Provided

Social Security Number

ACC-0121-6-002

Certificate Number

Mark K. Schlager

Training Director