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
NTRODUCTION	
BACKGROUND	1
Asbestos Containing Materials	1
Asbestos Sampling Procedures	1
Paint Chip Sampling	2
PCB Sampling Procedures	2
Laboratory Analysis	3
INDINGS	1
Asbestos Containing Materials	3
Negative Materials (No Asbestos Detected)1	0
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

November 2, 2021 TRC Project: 450190 Phase II

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).

November 2, 2021

TRC Project: 450190 Phase II

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.
- 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.

November 2, 2021 TRC Project: 450190 Phase II

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.

November 2, 2021

TRC Project: 450190 Phase II

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 / NESHAP 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-153 HC-ASB-156 HC-ASB-156 HC-ASB-173 HC-ASB-173 HC-ASB-173	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-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-171 HC-ASB-171	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.

November 2, 2021 TRC Project: 450190 Phase II

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 1222 – ND Aroclor 1242 – ND Aroclor 1248 – ND Aroclor 1254 – ND Aroclor 1260 – 180000 Aroclor 1262 – ND	
Cooling Tower 1	HC-PCB-09	Unit 1 Cooling Tower Entrance Door	Caulking	TBD	Aroclor 1268 – ND Reporting Limit – 0.93 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1222 – 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	
Main Gate Security Building	HC-PCB-07	Throughout Windows	Window Caulking	TBD	Aroclor 1268 – ND 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)	
			Grey Floor		Reporting Limit – 0.87 Aroclor 1016 – ND Aroclor 1221 – ND Aroclor 1232 – ND	
Unit 2 Boiler Area	HC-PCB-21	Throughout	Expansion Joint	7000 LF	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 1244 – 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)					
					Reporting Limit – 0.91					
Units 1 And 2 Service Water Supply Building	HC-PCB-01	Units 1&2 NIDs Service Water Supply Building Exterior	Expansion Caulk	TBD	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.

November 2, 2021

TRC Project: 450190 Phase II

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

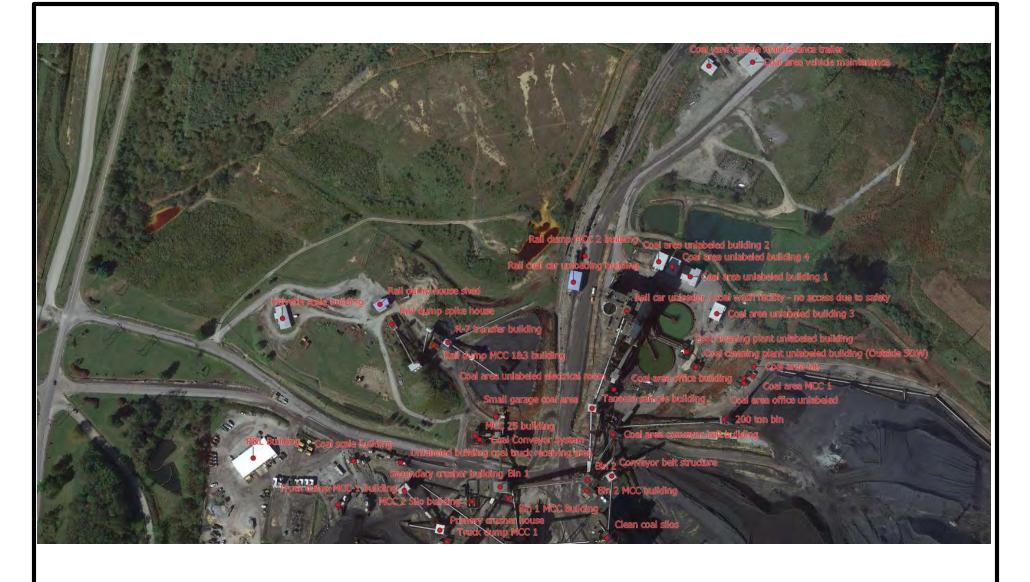
Heath Howard, CIH, CSP Senior Project Manager

X. Heath Howard

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

Den PM Brum CIH

Appendix A – Overall Site Diagram



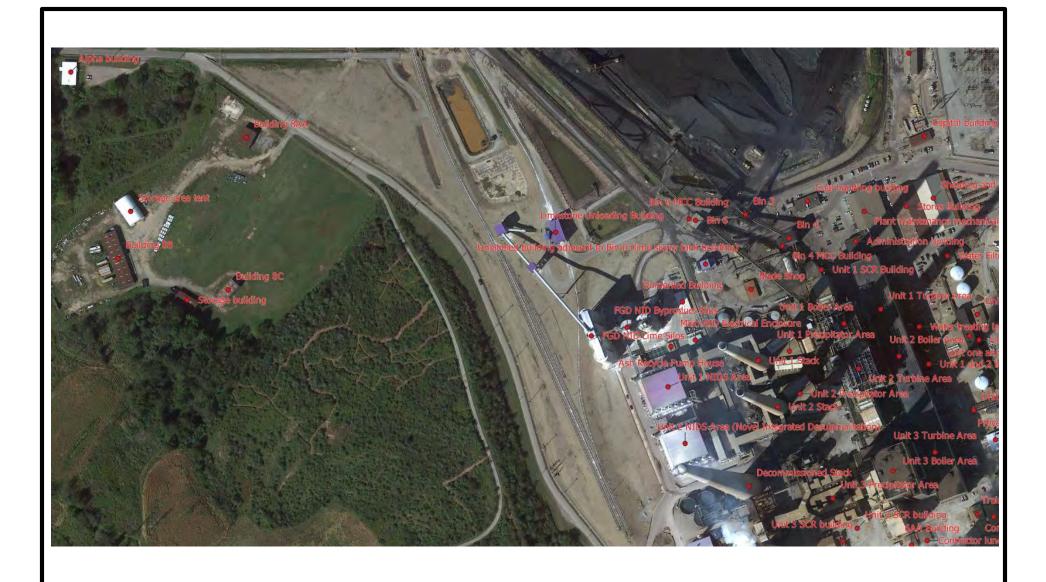
OVERALL SITE DIAGRAM

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

TRC Project No.: 450190

Drawn by: H. Howard





OVERALL SITE DIAGRAM

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

TRC Project No.: 450190

Drawn by: H. Howard





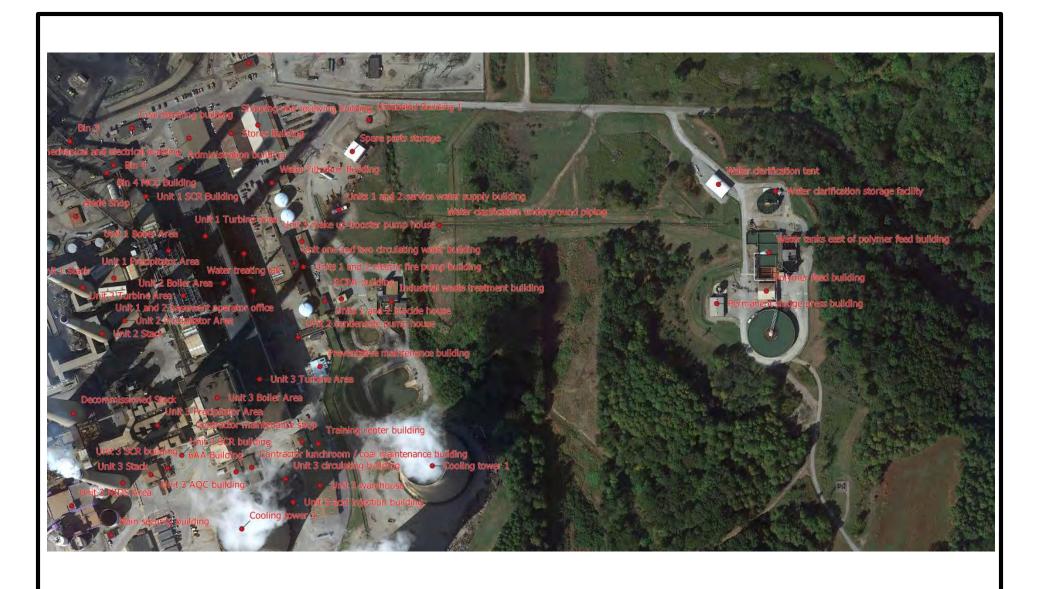
OVERALL SITE DIAGRAM

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

TRC Project No.: 450190

Drawn by: H. Howard





OVERALL SITE DIAGRAM

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

TRC Project No.: 450190

Drawn by: H. Howard





OVERALL SITE DIAGRAM

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

TRC Project No.: 450190

Drawn by: H. Howard





OVERALL SITE DIAGRAM

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

TRC Project No.: 450190

Drawn by: H. Howard



Appendix B – Representative Photographs

Omitted Due to File Size

Appendix C – Laboratory Results and Chain of Custody



Page 1 of 1 57732.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057732 CLIENT:

> 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: Reviewed by: **Date Issued**

10/14/2021 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

5773Z

	RC ell Park Drive, Cind	cinnati. OH 45242		ASBESTOS BUL CUST	LK SAMF		AIN OF
Client: Homer City power generation				Project Number: Sampling Tecl 450190 Kyle Miller,Wa Mobile App. B			
Project Name: 6AA Building Homer City po				Tracking Number:		ested TAT:	
		ASI	SESTOS BULK	SAMPLE INFORMATION			
Sample Date	Sample Identification	Material Descri	ption	Homogeneous Area		ample ocation	Lab Identification (Lab Use Only)
10/01/21	HC-ASB-841	Caulking, Bla	ck	6AA Exterior	6A.4	A exterior	
10/01/21	HC-ASB-842	Caulking, Bla	ck	6AA Exterior	6AA	A exterior	
10/01/21	HC-ASB-843	Caulking, Bla	ck	6AA Exterior	A exterior		
Special Instru N/A	iction to Laboratory:						
		CHAIN OF CUST	ODYINFORMATI	ON AND LABORATORY INFORMATIO	N		
Relinquished By	:	Date an	d Time	Received By:		Date and Tim	ne
1. (Print):				Alicia Katz	3		
h			10/01/2021 2:44 pm America/New_York	Alicia Katz Alicia Katz 10/11/2021 10:	_		
, (Sign):				10/11/2021 10:	00		
II. (Print):							
(Sign):							
Email Results	s То:		lical Method: A 600/R-93/116	Lab Comments:			

Industrial Hygiene Laboratory 21 Griffin Road North Windsor, CT 06095 (860) 298-6308



CLIENT: NRG Homer City Lab Log #: 0057667

> Project #: 450190.0002.0000

Date Received: 10/04/2021 Date Analyzed: 10/07/2021

Site: Administration Builling, 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

Industrial Hygiene Laboratory 21 Griffin Road North Windsor, CT 06095 (860) 298-6308



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

Sample No.	Sample Location	Homogeneous Material Description		ther 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



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

Sample No.	Sample Location	Homogeneous Material Description		ner Matrix Iaterials	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: Reviewed by: **Date Issued** Kathleen Williamson, Laboratory Manager 10/07/2021

11231 Cornell Park Drive, Cincinnati, OH 45242		BULK SAMPLE CHAIN OF JSTODY FORM
Client: Homer city power generation	Project Number: 450190 phase 2	Sampling Technician: Kyle Miller Mobile App: BSI - HAZMAT Survey
Project Name: Administration building Homer 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)
09/29/21	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	

Ken

57667

				5 tc	7 حاھ
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 Tife, 2' x 2', White	Second Floor Ceiling	Planning room first floor	
09/29/21	HC-ASB-751	Ceiling Tile, 2' x 2', White	Second Floor Ceiling	Took room first	
09/29/21	HC-ASB-753	Ceiling Tile, 2' x 2', White	Second Floor Ceiling	General locker	
09/29/21	HC-ASB-724	Cove Base, without Adhesive, Black,	Second Floor Hallway	Second floor hallway	
09/29/21	HC-ASB-729	Cove Base, without Adhesive, Black,	Second Floor Hallway	Second floor	
09/29/21	HC-ASB-730	Cove Base, without Adhesive, Black, Tan	Second Floor Hallway	throughout Second floor	
09/29/21	HC-ASB-752	Cove Base, without Adhesive, Black,	Second Floor Hallway	throughout 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	
09/29/21	HC-ASB-734	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey, White	Second Floor Throughout	hallway 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	
09/29/21	HC-ASB-736	Linelolium floor, Brown	Small Room in Second Floor Conference Room	room Small room inside second floor conference room.	
09/29/21	HC-ASB-737	Linelollum floor, Brown	Small Room in Second Floor Conference Room	Small room inside second floor conference room.	
09/29/21	HC-ASB-738	Window sill , Błack	Second Floor Windows In The Small Room Inside The Conference Room.	Small room inside the second floor conference	
09/29/21	HC-ASB-739	Window glaze, Black, White	Second Floor Small Room Inside Conference Room	Small room	

KW

						floor	conference	
				1		"00"	room	
09/29/21	HC-ASB-740		with Black Mastic, 12" 2", Brown		nanical And Janitor Room Second Floor , Center/west Stairwell	jaı	hanical and nitor room cond floor	
09/29/21	HC-ASB-741		with Black Mastic, 12" 2", Brown		anical And Janitor Room Second Floor , Center/west Stairwell	jai	hanical and nitor room cond floor	
09/29/21	HC-ASB-744		with Black Mastic, 12" 2", Brown		anical And Janitor Room Second Floor , Center/west Stairwell		ntral/west stairwell	
09/29/21	HC-ASB-742	Duct inst	ulation , White	Mech	anical And Janitor Room Hallway Above Ceiling	jar clo	hanical and nitor room set above ceiling	
09/29/21	HC-ASB-743	Duct ins	ulation , White	Mech	anical And Janitor Room Hallway Above Ceiling	jar	hanical and nitor room set above ceiling	
09/29/21	HC-ASB-745	Joint con	npound , White	Se	econd Floor Conference Room		cond floor onference room	
09/29/21	HC-ASB-746	Sheet rock	c, Brown, White		Second Floor Throughout		cond floor hallway roughout	
Special Instru N/A	ection to Laborato	ry:					¥	
A ASSELLA	en die ellen berdie ellen b	CHAIN (OF CUSTODY INFORMAT	TION AN	LABORATORY INFORMATION			
Relinquished By			Date and Time		Received By:		Date and Tim	e
1. (Print):			09/29/2021 7:48 pm America/New_York	n K	Wellian.	sn	101	4/21
II. (Print): (Sign):				-				
Email Results	з То:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:		1	



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: Reviewed by: **Date Issued** Joel Corso, Approved Signatory Kathleen Williamson, Laboratory Manager 10/28/2021

21 GRIFFIN ROAD NORTH

WINDSOR, CONNECTICUT 06095 TELEPHONE (860) 298-9692

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009 Supersede Previous Edition

3day 5day 57860 white Ficological 48hr 3day TURNAROTHR TIME MATERIAL 24hr 48hr LAB ID#. 24hr 8hr 12X12 PLM: TEM: (IE LIW SERIES NEC) **LEW NX NOB 188'4** (IF>1% & <10%) PARAMETERS POINT COUNT VAVLYZE BY LAYER (HOSILIAE SLOD) (MY ELWAINE COOKED) (FOSITIVE STOP) PROJECT NAME Homer City Gensya SAMPLE LOCATION ACMIN BLOG WGisson INSPECTOR CKYB TYPE COMP 450190.0000.0000 TIME 1 985 FLYCE 10/21/21 DATE PROJECT NUMBER FAX (860) 298-6380 SIGNATURE SAMPLE NUMBER FIELD

Received by: (Signature)	(Printed)	Page 1 of 1
Date:	Time:	No
Received by: (Signature) / ログシテノン Relinquished by: (Signature)	(Printed) / SCO (Printed)	Condition of Samples: Acceptable: Yes No Comments:
Date:	тте:	
Rolinquished by: (Signature)	Wennied Class	

Industrial Hygiene Laboratory 21 Griffin Road North Windsor, CT 06095 (860) 298-6308



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		ther 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% 20%	cellulose mineral wool	ND	None
HC-ASB-930	Alpha building	White/Grey Ceiling Tile, 2' x 4'	60% 20%	cellulose 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	

Industrial Hygiene Laboratory 21 Griffin Road North Windsor, CT 06095 (860) 298-6308



Page 2 of 2 57729.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Kledesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/14/2021

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		
oject Name: oha building omer City pov			Tracking Number:	Requested TAT:	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		ASBESTOS BULK	SAMPLE INFORMATION	E MARIE BURGE		
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	Ceifing 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 Instru V/A	ction to Laborato	ry:				
		CHAIN OF CUSTODY INFORMA	TION AND LABORATORY INFORMATION			
Relinquished By:		Date and Time	Received By:	Date and Tir	ne	
, (Print):		10/05/2021 4:03 pn America/New_York				

| Sign): | Lab Comments: | Lab Comments: | Comments: | Comments |

Industrial Hygiene Laboratory 21 Griffin Road North Windsor, CT 06095 (860) 298-6308



Page 1 of 1 57660.NRGHomerCity.doc

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	_	ther Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-642	See Diagram	White/Grey Ceiling Tile, 1' x 1'	10% 80%	cellulose mineral wool	ND	None
HC-ASB-643	See Diagram	White/Grey Ceiling Tile, 1' x 1'	10% 80%	cellulose 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.

Reviewed by:

Analyzed by:

Joel Corso, Approved Signatory

Date Issued 10/04/2021

11934 Com	TACAMON Drive Cincinnati OH 45242	rinnati OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	S BULK SAMPLE CH, CUSTODY FORM	AIN OF
Client: Homer City Po	Client: Homer City Power Generation	טוייים איניים	Project Number: 450190	Sampling Technician: Frank DeLizo,Heath Howard Mobile App: BSI - HAZMAT Survey	ian: Ith Howard HAZMAT Survey
Project Name: Bin 2 MCC building	lding		Tracking Number:	Requested TAT: 3 DAY	
		ASBESTOS BULK	BESTOS 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 Celling	See Diagram	
09/30/21	HC-ASB-643	Ceiling Tile, 1' x 1', White	Control Room Ceiling	See Diagram	
Special Instru N/A	Special Instruction to Laboratory:				
		CHAIN OF CUSTODY INFORMAT	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Refinquished By:		Date and Time	Received By:	Date and lime	3.6 processors reconstitution of the processors and the processors are also become and the processors are also because of the processor are also because of the proce
1. (Print): Heath Howard	- Howard		Cel Manson	10/4/21	121
· (Sign)	No of the second	09/30/2021 3:43 pm America/New_York	Merce .	9	7007
II. (Print):					
(Sign):					
Email Results To: hhoward@trccompanies.com	s To: ոpanies.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 10/12/2021 Date Analyzed:

Site: Bin 4 MCC Builling, 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: Reviewed by:

Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory **Date Issued**

			<u></u>	<u> </u>		
/##	RC ell Park Drive, Cine	cinnati OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM			
Client:	ower Generation	ominati, Oli 19212	Project Number: 450190 phase 2	Sampling Techni Kyle Miller,Wayn Mobile App: BSI		
Project Name: Bin 4 MCC Bu Homer City po	ilding		Tracking Number:	Requested T AT:		
		ASBESTOS BUL	K 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 Instru N/A	ection to Laboratory:					
er company		CHAIN OF GUSTODY INFORMA	TION AND LABORATORY INFORMATION			
Relinquished By		Date and Time	Received By:	Date and Ti	ne	
1, (Print):		1001/0001 0 00	Alicia Kate Acicia Kotz 10/11/2021 10:			
kz		10/04/2021 3:33 p America/New_Yor	* Kucia Poty			
. (Sign):			10/11/2021 10:	50		
II. (Print):						
(Sign):						
Email Result	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:			



Page 1 of 1 57733.NRGHomerCity.doc

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: Reviewed by: **Date Issued**

Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory 10/14/2021

						<u> </u>					
11231 Cornell Park Drive, Cincinnati, OH 45242				ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM							
Client:				Project Number: Sam		oling Technician:					
Homer City Power Generation				450190 phase 2 Kyle Mol		e Miller,Wayne Gibson bile App: BSI - HAZMAT Survey					
Project Name:				Tracking Number:		Requested TAT:					
Bin 4											
Homer City po	wer plant										
			ASBESTOS BULK	SAMPLE INFORMATION							
Sample Date	Sample Identification	Materia	Description	Homogeneous Area		Sample Lab Identification Location (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 INFORMA	TION AND LABORATORY INFORMATIO	q i						
Relinquished By:		Date and Time	Received By:		Date and Time						
1, (Print):		-		Aliera Katz		Jo/u	12021				
			_	Treate -		1,0/1,/000					
			10/07/2021 4:48 pm	Alicia Kate Aucio Vate		10/11/2021					
1.			America/New_York								
l h				1 0/19/2 "							
. (Sign):				1 1							
II. (Print):											
(Sign):			†			1					
		Analytical Method: PLM EPA 500/R-93/116	Lab Comments:	Lab Comments:							
	· · · · · · · · · · · · · · · · · · ·		L	· · · · · · · · · · · · · · · · · · ·							



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		her 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:

Reviewed by:

Date Issued

Kathleen Williamson, Laboratory Manager

Joel Corso, Approved Signatory

10/28/2021

21 GRIFFIN ROAD NORTH

WINDSOR, CONNECTICUT 06095 TELEPHONE (860) 298-9692 FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009 Supersede Previous Edition

FAX (860) 298-6380 PROJECT NUMBER	PROJECT NAME		LAB ID #.	D#. 57861	
	Homers City Granger		-	TURNAROWN TIME	
450190.0000.0000	•	PARAMETERS	1	48hr	3day
SIGNATURE	TOTOTION		TEM: 24hr	48hr 3day	Sday
Weepl	Son/F Delize	(OP) (ACER (
) a ratio		MOB I CON RATE LIC LEG PROVES RATE RATE RATE RATE RATE RATE RATE RATE		A MINISTER A TOTAL	
SAMPLE DATE TIME NUMBER	SAMPLE LOCATION GRAB	(POSITI POINT (W' gravimet (POSITI (M' gravimet (POSITI (POSIT	T.	MAI EKIAL	
GEFE 10 222	X BLARE SHOP X		S. Cauted-on	Tension of a	1
			_		<u>;</u>
Cellinnished by (Signature)	Date: Received by: (Signature) 10/27/27	Relinquished by: (Signature)	Date:	Received by: (Signature)	
(Printed) C (Printed) C (Printed)	Time: (Printed) / 520	(Printed)	Time:	(Printed)	
Remarks:		Condition of Samples: Acceptable: Yes Comments:	S: No	Page 1 of 1	



Page 1 of 1 57719.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City Lab Log #: 0057719

> Project #: 450190.0002.0000

Date Received: 10/11/2021 10/12/2021 Date Analyzed:

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	_	ther 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:

Kathleen Williamson, Laboratory Manager

Reviewed by:

Joel Corso, Approved Signatory

Date Issued 10/15/2021

							<u> </u>	<u> </u>
4	RC ell Park Drive, Cir	ncinnati OH 45	5242		ASBESTOS B CU	ULK SAM STODY FO		AIN OF
Client:	ower Generation	TORRITURE, OF 1 TH	/ <u>L</u> 12		ct Number: 90 phase 2	Kyle	pling Technic Miller,Wayne	e Gibson
Project Name: Blade Shop Homer City po				Track	ing Number:		le App: BSI - uested TAT:	HAZMAT Survey
			ASBESTOS BUL	KSAME	LE INFORMATION			
Sample Date	Sample Identification	Materia	l Description		Homogeneous Area		Sample ocation	Lab Identification (Lab Use Only)
10/04/21	HC-ASB-912	Firepro	ofing, White		Blade Shop Throughou	t Bl	ade shop	
10/04/21	HC-ASB-913	Firepro	ofing, White		Blade Shop Throughou	t Bi	ade shop	
Special Instru N/A	uction to Laboratory	<i>T</i> :						
	trakanakan labah	CHAIN	DE CUSTODY INFORMA	ATION A	ND LABORATORY INFORMA	ATION	100	
Relinquished By	:		Date and Time		Received By:	•	Date and Tin	ie
1, (Print):					Alicia Kata	:		
W.			10/04/2021 2:07 p America/New_Yor		Alicia Kata Auga Kata 10/11/2021			
. (Sign):	•				1502/1/01	10.00		
II. (Print):								
(Sign):							1	
Email Results	s То:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:		1	
L			<u> </u>		<u> </u>			

BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057666 CLIENT:

> 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: Reviewed by:

> Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

Date Issued 10/07/2021

11231 Corne	U A LIVE CO	1723 Cornell Park Drive Cincinnati OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CH	AIN OF
Client: Homer city power generation	wer generation		Project Number: 450190 Phase II	Sampling Technician: Antonio Conde, Dan Bruun, Frank DeLizo Mobile App: BSI - HAZMAT Survey	ian: an Bruun,Frank HAZMAT Survev
Project Name: Building 8AA			Tracking Number:	Requested TAT: PLM Standard TA 24 Hour TAT	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT
		ASBESTOS BUL	BESTOS 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 Instru N/A	Special Instruction to Laboratory. N/A				
		CHAIN OF CUSTODY INFORMA	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Refinquished By:	•	Date and Time	Received By:	Date and Time	16
1. (Print): Antonio Conde	Conde		the contract of the contract o	KC/1/2)	
(Sign)	west.	10/01/2021 7.16 am America/New_York	The state of the s	0/	7000
II. (Print):					
(Sign):					
Email Results To:	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



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% cellulo	se 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	



Page 2 of 2 57671.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Kledesen	Reviewed by:	Willia /	Date Issued
	Kathleen Williamson, Laboratory Manager	· · · · · · · · · · · · · · · · · · ·	Joel Corso, Approved Signatory	10/07/2021

			THE THE PARTY OF T	The same of the sa	
11231 Corn	11231 Cornell Park Drive, Cincinnati, OH 45242	OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	S BULK SAMPLE CH. CUSTODY FORM	AIN OF
Client: Homer City po	Client: Homer City power generation		Project Number: 450190 Phase II	Sampling Technician: Antonio Conde, Frank DeLizo Mobile App: BSI - HAZMAT Survey	ian: ank DeLizo HAZMAT Survey
Project Name: Building 8B			Tracking Number:	Requested TAT: PLM Standard TA 24 Hour TAT	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT
		ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION		
Sample Date	Sample 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 C	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 C	Caulking, Green, Grey	Throughout	Back office window	Andrew Colonia A (2000) (A) (2000) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B
09/30/21	HC-ASB-77	Caulking, Black	Throughout	Window	AND THE REAL PROPERTY OF THE P
09/30/21	HC-ASB-78	Caulking, Black	Throughout	Window	
09/30/21	HC-ASB-79	Caulking, Black	Throughout	Window	
Special Instra N/A	Special Instruction to Laboratory: N/A			The state of the s	The same are a second special second
		CHAIN OF CUSTODY INFORMATH	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	9
1. (Ртінt): Antonio Conde	, Conde		My Marineson	14/21	R/
THE STATE OF THE S	Tr.	10/01/2021 7:18 am America/New_York	Cert	700/	J.
. (Sign):	Менфилом Менфилом (Менфилом (Менфилом (Менфилом (Менфилом (Менфилом (Менфилом (Менфилом (Менфилом (Менфилом (М				

TO THE PROPERTY OF THE PROPERT	Lab Comments:	Analytical Method: PLM EPA 600/R-93/116	Email Results To:
			(Sign):
			II. (Print):
5764)			



Page 1 of 1 57665.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057665 CLIENT:

> 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		her 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: Reviewed by:

> Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

Date Issued 10/07/2021

11231 Com	TAST Cornell Park Drive, Cincinnati, OH 45242	1 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CH.	AIN OF
Client: Homer City por	Client: Homer City power generation		Project Number: 450190 Phase II	Sampling Technician: Antonio Conde,Dan Bruun,Frank DeLizo Mobile App: BSI - HAZMAT Survey	ian: an Bruun, Frank HAZMAT Survev
Project Name: Building 8C			Tracking Number:	Requested TAT: PLM Standard TA 24 Hour TAT	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT
Commis		ASBESTOS BULKS	ESTOS BUEK SAMPLE INFORMATION	Cample	l ah Idantification
Sample Date	Sample Identification Mat	Material Description	Homogeneous Area	Sample	(Lab Use Only)
09/30/21	HC-ASB-83 Caul	Caulking, Black, Brown	Throughout	Floor	
09/30/21	HC-ASB-84 Caul	Caulking, Black, Brown	Throughout	Floor	
09/30/21	HC-ASB-85 Caul	Caulking, Black, Brown	Throughout	Floor	
Special Instru N/A	Special Instruction to Laboratory: N/A				
		AIN OF CUSTODY INFORMATIO	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time) e
1. (Print): Antonio Conde	Conde		We Man	/0/	10/4/24
Han.	,	10/01/2021 7:17 am America/New_York		1,000/	. 0
11. (Print):		de sidolare de cicio			THE REPORT OF THE PROPERTY OF
(Sign):					
Email Results To:	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



Page 1 of 1 57717.NRGHomerCity.doc

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.

Reviewed by:

10/15/2021

Date Issued

				<u> </u>			17717		
400	RC ell Park Drive, C	incinnati, OH 45	242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM					
Client: Homer City Po	ower Generation			Project Number: 450190 phase 2	Ky	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey			
Project Name: Coal area office unlabeled Homer City power plant				Tracking Number:	Re	Requested TAT:			
		delining the state of	ASBESTOS BULK	SAMPLE INFORMATIO	N				
Sample Date	Sample Identification		Description	Homogeneou		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			
			ith Black Mastic, 12" ', Black	Coal Belt Wash	n House C	Coal belt wash house			
Special Instru N/A	ection to Laborator	y :							
	网络中国 化二氯甲	60-1614-1414-1414-1414-1414-1414-1414-14	detamentensenamen mintensenamen in interesenten in interesenten intere	ION AND LABORATORY I	NFORMATION	Hamilton Land (1986)			
Relinquished By	:		Date and Time	Received By:		Date and Tim	ė		
1. (Print):				Aliena K	ate				
h			10/07/2021 4:57 pm America/New_York	Aliera K	Vato				
. (Sign): II. (Print):				10/11/	<u>7071 1000</u>	<i>J</i>			
				_ /					
(Sign):									
Email Results	то:		Analytical Method: PLM EPA 600/R-93/116	Lab Comments:					



Page 1 of 1 57718.NRGHomerCity.doc

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 Unlableled 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.

Reviewed by: **Date Issued**

10/15/2021 Kathleen Williamson, Laboratory Manager

11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation Project Name: Coal area unlabeled building Homer City power plant			ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM Project Number: 450190 phase 2 Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:					
Homer City power plant								
Sample Sample Material Description				SAMPLE INFORMATION Homogeneous Area			Sample	Lab Identification
Date 10/04/21	Identification HC-ASB-897	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown		Coal	Maintenance Building Warehouse Entrance	ma t	ocation Coal intenance ouilding arehouse intrance	(Lab Use Only)
10/04/21	HC-ASB-898	Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown		Coal Maintenance Building Warehouse Entrance		' Ł	Coal intenance building arehouse entrance	
Special Instru N/A	ction to Laborato	ry:						
		CHAIN (OF CUSTODY INFORMAT	ION AN	ILLABORATORY INFORMATION			
Relinquished By:			Date and Time		Received By:		Date and Tim	ne
1. (Print):			10/04/2021 11:13 ап	1	Aliera Kate		-	
(Sign):		America/New_York		10/11/2021 10:	00			
II. (Print):								
(Sign):								
Email Results	то:	·	Analytical Method: PLM EPA 600/R-93/116		Lab Comments:			



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 Buidling, 1750 Power Plant Road, Homer City, PA

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

Sample No.				ther Matrix Materials	Asbestos %	Asbestos Type	
HC-ASB-881	Coal maintenance building lab	White Ceiling Tile, 2' x 4'	30% 60%	cellulose mineral wool	ND	None	
HC-ASB-882	Coal maintenance building lab	White Ceiling Tile, 2' x 4'	30% 60%	cellulose mineral wool	ND	None	
HC-ASB-883	Coal maintenance building lab	White Ceiling Tile, 2' x 4'	30% 60%	cellulose 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	



Page 2 of 2 57721.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klesen	Reviewed by:	Weller /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/15/2021

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

11231 Cornell Park Drive, Cincinnati, OH 45242

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 area unlabeled building

Tracking Number:

lomer city po	wer plant				
Sample Date	Sample Identification	ASBESTOS BULK Material Description	SAMPLE INFORMATION 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	

Email Results	i To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:				ŧ
(Sign):				, · · · · · · · · · · · · · · · · · · ·	المرينيين ووسامه بريارا والمستوالين	ere energy and ere		_1	
II. (Print):					. (
ب ر . (Sign):					10/11/2021	(0.500	C		
lb.			10/04/2021 10:04 America/New_Yo		Alicia Kr Aricia Kr 10/11/2021	acti			
1. (+11114).					Alicia K	ate			
Relinquished By 1. (Print):			Date and Time		Received By:	_	Date and	Time	
		CHAIN	OF CUSTODY INFORM	ATION AN	D LABORATORY INFOR	MATION			
Special Instru N/A	iction to Laboratory:								
10/04/21	HC-ASB-890	Sink Und	dercoat, Black	Coa	I Maintenance Building	Lab Sink	maintenance building lab si		
							top coal		
10/04/21 HC-ASB-889 Transite t		able top , Black	Coa	Maintenance Building Top	Lab Table	coal maintenance building lab- k			



Page 1 of 1 57722.NRGHomerCity.doc

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	-			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% 80%	cellulose mineral wool	ND	None
HC-ASB-911	Metal working building second roof	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose 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:

Reviewed by:

Date Issued

10/15/2021

W-1000								<u> </u>	<u> </u>	
	TRC nell Park Drive, Ci	ncinnati. OH 4	5242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM						
Client: Homer City P	ower Generation				ct Number: 90 phase 2		Kyi	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey		
	Coal area unlabeled building Homer City power plant			Track	ing Number:		Re	quested TAT:		
			ASBESTOS BUL	JLK SAMPLE INFORMATION						
Sample Date	Sample Identification	Materia	l Description		······································	eous Area		Sample Location	Lab Identification (Lab Use Only)	
10/04/21	HC-ASB-908		Gypsum with Joint d, Green, White	Met	al Working Bui	ilding Second		letal working ilding second floor		
10/04/21	HC-ASB-909		Gypsum with Joint d, Green, White	Met	al Working Bui	lding Second		letal working ilding second floor		
10/04/21	HC-ASB-910	Ceiling Ti	Ceiling Tile, 2' x 4', White		al Working Bui	lding Second		letal working ilding second floor		
10/04/21	10/04/21 HC-ASB-911 Ceiling Tile, 2' x 4', White		le, 2' x 4', White	Metal Working Building Second Floor			etal working ilding second roof			
Special Instru N/A	uction to Laboratory	r:			1.					
	and design to the	CHAIN	OF CUSTODY INFORMA	ATION AN	D LABORATOR	RY INFORMA	rion	asterii da il	laranta e allulius de	
Relinquished By	r:		Date and Time		Received By:			Date and Tim	9	
			10/04/2021 1:45 p America/New_Yo		Alicia Jaira 10/11/2	Kate				
(Sign):					10/11/2	02/ 150	2:00			
II. (Print):					-					
(Sign):	·	· <u>.</u> .						\dashv		



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 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-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



Page 2 of 2 57728.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/14/2021

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM 11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation Project Number: 450190 phase 2 Project Number: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Project Name: Coal area unlabeled building Homer City power plant ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:

		ASBESTOS BU	LK 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	

·							ding wash se 2nd floor	
10/04/21	HC-ASB-904	Ceiling Ti	le, 2' x 2', White	Coal	Maintenance Building Wash House 2nd Floor Throughout	ma buil	Coal intenance ding wash	
10/04/21	HC-ASB-905	Ceiling Ti	ie, 2' x 2', White	Coal	Maintenance Building Wash House 2nd Floor Throughout	ma buil	Coal intenance ding wash se 2nd floor	
10/04/21	HC-ASB-906		Gypsum with Joint ound, Brown	Coal	Maintenance Building Wash House 2nd Floor Bathrooms	buil hous	Coal intenance ding wash se 2nd floor s bathroom	
10/04/21	HC-ASB-907		Gypsum with Joint ound, Brown	Coal	Maintenance Building Wash House 2nd Floor Bathrooms	ma buil hous	Coal intenance ding wash se 2nd floor as bathroom	
Special Instru N/A	uction to Laboratory	<i>/</i> :		ı	. •	in an		
		CHAIN	OF CLUSTODY INFORMA	FION A	AD LABORATORY INFORMATION			
Relinquished By	r:		Date and Time		Received By:		Date and Time	
1. (Print):	· · · · · · · · · · · · · · · · · · ·				Alicia Katz			
			10/04/2021 10:34 ar America/New_York	n 🚄	Alicia Katz Acicia Katz 10/11/2021 10:0			
. (Sign):	•				10/11/2021 10:0	0		
II. (Print):					•			
(Sign):						1		
Email Results	s To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:		I	



Page 1 of 1 57735.NRGHomerCity.doc

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	_	ther Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-925	Coal handling building	White/Grey Ceiling Tile, 2' x 2'	20% 60%	cellulose mineral wool	ND	None
HC-ASB-926	Coal handling building	White/Grey Ceiling Tile, 2' x 2'	20% 60%	cellulose 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.

Reviewed by: Analyzed by: Date Issued Joel Corso, Approved Signatory Kathleen Williamson, Laboratory Manager 10/14/2021

11231 Cornell Park Drive, Cincinnati, OH 45242			5242		ASBESTOS BULK : CUSTOE		Y FORM		
Client: Homer city por		·			ct Number: 90 phase 2	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Si		Gibson	
Project Name: Coal handling building Homer City power plant		-	Track	king Number:		ested TA⊺:			
	a characterist		ASBESTOS BULL	SAMF	PLEINFORMATION				
Sample Date	Sample Identification	Materia	Description		Homogeneous Area	Lo	ample ocation	Lab Identification (Lab Use Only)	
10/05/21	HC-ASB-925	Ceiling Til	e, 2' x 2', White		Coal Handling Building	b	l handling uilding		
10/05/21	HC-ASB-926	Ceiling Tile, 2' x 2', White		<u> </u>	Coal Handling Building	b	Coal handling building Coal handling		
10/05/21	HC-ASB-927	Plaster, Skim Coat, White		C	oal Handling Building Bathrooms	build	building men's room		
10/05/21 HC-ASB-928 Plaster, Skim		kim Coat, White	C	oal Handling Building Bathrooms	b	al handling building nen's room			
Special Instru N/A	ction to Laboratory	r:							
		CHAIN		TION A	NO LABORATORY INFORMATION				
Relinquished By	:		Date and Time		Received By:		Date and Tim	B	
1. (Print):					Alicia Katz		10/11	12021	
lpr-		10/04/2021 2:02 pr America/New_Yorl		Alicia Katz		()	2021		
. (Sign): II. (Print):									
(*)									
(Sign):		·							
Email Results	s To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:				



Page 1 of 1 57656.NRGHomerCity.doc

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	_	ther 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% 30%	cellulose 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% 30%	cellulose 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:

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/06/2021

	ar in variante and variante and		anninamananaminandirandirandirandirandirandirandirand	
11231 Com	11231 Cornell Park Drive, Cincinnati, OH 45242)H 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN OF Y FORM
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190	Sampling Technician: Frank DeLizo, Heath Howard Mobile App: BSI - HAZMAT Survey
Project Name: Coal scale building	iding	<u>T</u>	Tracking Number:	Requested TAT: 3 DAY
		ASBESTOS BULK SA	ESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Ma Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (Lab Use Only)
09/30/21		insulation, Wall / Sound, White	Throughout Walls	See Diagram
09/30/21	HC-ASB-631 Insulati	Insulation, Wall / Sound, White	Throughout Walls	See Diagram
09/30/21	HC-ASB-632 Ceili	Ceiling Tile, 2' x 4', White	Throughout Ceiling	See Diagram
09/30/21	HC-ASB-633 Ceili	Ceiling Tile, 2' x 4', White	Throughout Ceiling	See Diagram
Special Instru N/A	Special Instruction to Laboratory: N/A			
		HAIN OF CUSTODY INFORMATION	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:	ž.	Date and Time	Received By:	Date and Time
1. (Print): Heath Howard	loward		Cellian-son	10/4/21
	AH 1/16	09/30/2021 2:44 pm America/New_York	Contract of the second	2000/
II. (Print):				
(Sign):				
Email Results To: hhoward@trccompanies.com	s To: panies.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 10/12/2021 Date Analyzed:

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: Reviewed by: **Date Issued** Kathleen Williamson, Laboratory Manager 10/14/2021

11231 Corn	ell Park Drive, C	incinnati OH 45	242	ASBESTOS BULK S CUSTOD		AIN OF	
Client:	wer Generation	monniag, orr		Project Number: 450190 phase 2	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey		
Project Name: Coal yard vehicle maintenance trailer Homer City power plant			Tracking Number:	Requested TAT:			
		Charles and the	ASBESTOS BULK	SAMPLE INFORMATION		a et er e general en se eg e	
Sample Date	Sample Identification	Material	Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)	
10/04/21	HC-ASB-878		with Black Mastic, 12" 2", Grey	Coal Yard Vehicle Maintenance Building Throughout	Coal yard vehicle maintenance building		
10/04/21	HC-ASB-879		with Black Mastic, 12" 2", Grey	Coal Yard Vehicle Maintenance Building Throughout	Coal yard vehicle maintenance building		
10/04/21	HC-ASB-880		with Black Mastic, 12" 2", Grey	Coal Yard Vehicle Maintenance Building Throughout	Coal yard vehicle maintenance building		
Special Instru N/A	uction to Laborato			TON AND LABORATORY INFORMATION			
Relinquished By	<i>r</i> :		Date and Time	Received By:	Date and Ti	ne 	
1. (Print): . (Sign): II. (Print):			10/04/2021 9:37 am America/New_York		6		



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	_	ther Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-982	Contractor entrance security building	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose mineral wool	ND	None
HC-ASB-983	Contractor entrance security building	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose 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: Reviewed by: **Date Issued** 10/15/2021

)
			ASBESTOS BULK SAMPLE CHAIN OF	SAMPLE CHAIN OF	1.
11231 Corn	ell Park Drive, Cin	11231 Cornell Park Drive, Cincinnati, OH 45242	CUSTODY FURIN	メレンド	
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey	Survey
Project Name: Contractor Entrance Se Homer city power plant	Project Name: Contractor Entrance Security Building Homer city power plant	би	Tracking Number:	Requested TAT:	
		ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION		
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Identificatio	Lab Identification (Lab Use Only)
10/02/21	HC-ASB-982	Ceiling Tile, 2' x 4', White	Contractor Entrance Security Building	b <u>u</u>	
10/02/21	HC-ASB-983	Ceiling Tile, 2' x 4', White	Contractor Entrance Security Building	Contractor entrance security building	
Special Instru N/A	Special Instruction to Laboratory. N/A				
		CHAIN OF CUSTODY INFORMAT	AF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	
1. (Print):			Aliena Katz	1202/20101	
A		10/02/2021 9:36 am America/New_York	Lucia fat	10:33	
. (Sign): II. (Print):					
(Sign):					
Email Results To:	; To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		
		n			



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% 80%	cellulose mineral wool	ND	None
HC-ASB-866	Contractor Entrance Security Building	White/Grey Ceiling Tile, 2'x4'	10% 80%	cellulose 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: Reviewed by: **Date Issued** 10/14/2021

11231 Cornell Park Drive, Cincinnati, OH 45242 Client: Homer City Power Generation Project Name:				ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM Project Number: 450190 Project Number: Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT:				
Contractor Entrance Security Building Homer city power plant						ļ		
		uir Galeria	ASBESTOS BUL	JLK SAMPLE INFORMATION				
Sample Date				Homogeneous Area		mple cation	Lab Identification (Lab Use Only)	
10/02/21	HC-ASB-865	Ceiling Til	e, 2' x 4', White	Cor	ntractor Entrance Security Building	ent securit	tractor trance y building	
10/02/21 HC-ASB-866 Ceiling Tild		e, 2' x 4', White Co		ntractor Entrance Security Building	ent	ntractor trance by building		
Special Instru N/A	iction to Laboratory							
		CHAIN I		ATION A	ND LABORATORY INFORMATION			
Relinquished By:		Date and Time		Received By:		Date and Time		
1. (Print):				Aliera Kate		10/11/02)		
(Sign)		10/02/2021 9:36 am America/New_York		Alicia Kate Alicia Katy		10:00		
. (Sign): II. (Print):								
(Sign):			-					
Email Results To:			Analytical Method: Lab Comments: PLM EPA 600/R-93/116					



Page 1 of 1 57727.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

CLIENT: NRG Homer City Lab Log #: 0057727

> Project #: 450190.0002.0000

Date Received: 10/11/2021 10/12/2021 Date Analyzed:

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	0	other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-838	Contractor break room.	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-839	Contractor break room	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-840	Contractor break room.	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose 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

_	Ell Park Drive, Cinc	sinnati. OH 45242	ASBESTOS BULK CUSTO	SAMPLE CHA DY FORM	AIN OF	
Client:	wer generation	Simon, OII TOLIL	Project Number: 450190	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey		
Project Name: Contractor lun Homer City po	chroom / coal mainten		Tracking Number:	Requested TAT:		
		ASBESTOS BL	ILK SAMPLE INFORMATION		Pulitika jako katalon	
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Location	Lab Identification (Lab Use Only)	
10/01/21	HC-ASB-838	Ceiling Tile, 2' x 4', White	Contractor Break Room	Contractor break room.		
10/01/21	HC-ASB-839	Ceiling Tile, 2' x 4', White	Contractor Break Room	Contractor break room		
10/01/21	HC-ASB-840	Ceiling Tile, 2' x 4', White	Contractor Break Room	Contractor break room.		
Special Instru N/A	uction to Laboratory:			THE RESIDENCE OF THE PROPERTY	MARINE STATE OF THE STATE OF TH	
		CHAIN OF CUSTODY INFOR	MATION AND LABORATORY INFORMATION			
Relinquished By	 	Date and Time	Received By:	Date and Tim	ne 	
1. (Print):		10/01/2021 2:3	Alicia Keatz			
la.		10/01/2021 2:3 America/New_`				
. (Sign):			0:01 1202/11/01	00		
II. (Print):						
(Sign):						
Email Result	s To:	Analytical Metho PLM EPA 600/R-93/11				



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

Sample No.	Sample Location	Homogeneous Material Description		ther 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% 80%	cellulose mineral wool	ND	None
HC-ASB-823	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose mineral wool	ND	None
HC-ASB-824	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose mineral wool	ND	None
HC-ASB-825	Contractor maintenance shop first floor break room throughout	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose mineral wool	ND	None
HC-ASB-826	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose mineral wool	ND	None
HC-ASB-827	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose mineral wool	ND	None



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% 80%	cellulose mineral wool	ND	None
HC-ASB-829	Contractor maintenance shop first floor break room	White/Grey Ceiling Tile, 2' x 4'	5% 90%	cellulose 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:	Klehean	Reviewed by:	Willia /	Date Issued
	Kathleen Williamson, Laboratory Manager	•	Joel Corso, Approved Signatory	10/14/2021

2200-102			· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>		
_	FRC	Dincinnati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM				
Client: Homer city po	wer 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:	Mobile App: BŚI - HAZMAT Survey Requested TAT:				
2.1		ASBESTOS BULL	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			

			<u> حبر ۱۱</u>
			shop first floor
			break room
I			Contractor
LIC ACD DOA	Calling Tile 21 v 41 Mibita	Contractor Maintenance Shop	maintenance
HC-A3D-024	Centry File, 2 X 4, Write	Throughout First Floor Break Room.	shop first floor
I			break room
			Contractor
I		Control Malatana Chan First Flags	maintenance
HC-ASB-825	Ceiling Tite, 2' x 4', White		shop first floor
1		Break Room I firoughout	break room
I		!	throughout
-		-	Contractor
1		Contractor Maintenance Shop First Floor	maintenance
HC-ASB-826	Ceiling Tile, 2' x 4', White		shop first floor
1	,	Diedit Noom Throoghout	break room
			Contractor
1		Contractor Maintenance Shop First Floor	maintenance
HC-ASB-827	Ceiling Tile, 2' x 4', White		shop first floor
1	_	Break Routh Throughout	break room
	-		Contractor
1		Contractor Maistananaa Shan First Floor	maintenance
HC-ASB-828	Ceiling Tile, 2' x 4', White		shop first floor
110 7100 020	35	Break Room Throughout	break room
			Contractor
İ		O I I I I I I I I I I I I I I I I I I I	maintenance
HC-ASB-829	Ceiling Tile, 2' x 4', White		
	, , , , , , , , , , , , , , , , , , , ,	Break Room I firoughout	shop first floor
			break room
			Contractor
	Vinyl Floor Tile, with Black Mastic, 12"	Contractor Maintenance Shop Second	maintenance
HC-ASB-830			shop second
	7,12 , 5,511		floor break
			room.
			Contractor
HC-ASB-831			maintenance
110-400 001	x 12", Brown	Floor Break Room.	shop second
			floor break room
			Contractor
HC 46B 833			maintenance
HU-MOD-03Z	x 12", Brown	Floor Break Room.	shop second
			floor break room
ction to Laborato	ry:		
	HC-ASB-828 HC-ASB-829 HC-ASB-830 HC-ASB-831	HC-ASB-825 Ceiling Tile, 2' x 4', White HC-ASB-826 Ceiling Tile, 2' x 4', White HC-ASB-827 Ceiling Tile, 2' x 4', White HC-ASB-828 Ceiling Tile, 2' x 4', White HC-ASB-829 Ceiling Tile, 2' x 4', White HC-ASB-830 Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown HC-ASB-831 Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown HC-ASB-832 Vinyl Floor Tile, with Black Mastic, 12" x 12", Brown	HC-ASB-825 Ceiling Tile, 2' x 4', White Contractor Maintenance Shop First Floor Break Room Throughout Contractor Maintenance Shop Second Floor Break Room.

CHAINC	OF CUSTODY INFORMATION AN	ID LABORATORY INFORMATION	
Relinquished By:	Date and Time	Received By:	Date and Time

			31131
1. (Print):		Alicia Kate	
K	10/01/2021 11:18 am America/New_York	Alicia Kate Acicia Katy 10/14/2021 10:00	
. (Sign): II. (Print):			
(Sign): Email Results To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	
	PLW EFA 000/R-85/110		



Page 1 of 1 57759.NRGHomerCity.doc

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: Reviewed by: **Date Issued** Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory 10/15/2021

				- 0- 1
11231 Corne	11231 Cornell Park Drive, Cincinnati, OH 45242	ati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN OF Y FORM
Client: Homer city power generation	ver generation		Project Number: 450190 phase 2	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey
Project Name: Cooling tower 1 Homer city power plant	1 wer plant		Tracking Number:	Requested TAT:
		ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (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 Instru	Special Instruction to Laboratory: N/A			
		CHAIN OF CUSTODY INFORMA	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print):			Alicia Katz	(202/21/01
(Sian):		10/06/2021 8:36 pm America/New_York	Aucus Jatu	11:49
II. (Print):	· verification			
(Sign):				
Email Results To:	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



Page 1 of 1 57758.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057758 CLIENT:

> 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: Reviewed by: **Date Issued**

> 10/15/2021 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

ASBESTOS BULK SAMPLE CHAIN OF 11231 Cornell Park Drive_Cincinnati, OH 45242 Project Number: Culture city power generation					27708
Connell Park Drive, Cincinnati, OH 45242 Project Number: 450190 phase 2 Annies Markerial Description Astronomer				ASBESTOS BULK	SAMPLE CHAIN OF
Project Number Sampling Technicia	11231 Corr	nell Park Drive, Cincinr	nati, OH 45242	CUSTOL)Y FORM
Tracking Number: Tracking Nu	Client: Homer city po	wer generation		Project Number: 450190 phase 2	Sampling Technician: Kyle Miller, Wayne Gibson
Post Asberstos Bulk Sample Homogeneous Area Sample Location Homogeneous Area Location	Project Name Cooling tower Homer City po	: 2 swer plant		Tracking Number:	Requested TAT:
Pic Sample Material Description Homogeneous Area Sample Location			ASBESTOS BULK	SAND E NECENATION	
121 HC-ASB-941 Concrete, Tan Cooling Tower 2 Throughout Inside structure Inside structure Inside structure Support beam Cooling Tower 2 Throughout Cooling Tower 2 Structure Cooling Tower 2 Throughout Cooling Tower 2 Structure CHAIN OF CUSTODY INFORMATION Received By: Date and Time Date and Time All C.C. Vat E	Sample Date	Sample Identification	De	Homogeneous Area	
Concrete, Tan Cooling Tower 2 Throughout Cooling	10/06/21	HC-ASB-941	Concrete, Tan	Cooling Tower 2 Throughout	
HC-ASB-943 Concrete, Tan Cooling Tower 2 Throughout Cooling Instruction to Laboratory: CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION Date and Time Received By: Date and Time America/New_York Alicoa Vate	10/06/21	HC-ASB-942	Concrete, Tan	Cooling Tower 2 Throughout	Cooling tower 2
Instruction to Laboratory: CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION Date and Time Received By: All CLO, Vett America/New_York Analytical Method: PLAB Comments:	10/06/21	HC-ASB-943	Concrete, Tan	Cooling Tower 2 Throughout	Cooling tower 2
hed By: Date and Time Received By: America/New_York America/New_York Amalytical Method: PLM EDA COmments:	N/A	Iction to Laboratory:			
Date and Time Received By: America/New_York Accor Vertz America/New_York Accor Vertz America/New_York Accor Vertz America/New_York Accor Vertz PLW EPA 600/R-93/16 Besults To: Besults To: Lab Comments:	Relinguished By:		CHAIN OF CUSTODY INFORMATI	ON AND LABORATORY INFORMATION	
America/New_York America/New_York America/New_York America/New_York America/New_York America/New_York Auco Katte	1. (Print):		Date and Time	Received By:	Date and Time
Seults To: 10/06/2021 8:37 pm America/New_York America/New America/				Allera Katz	1202/81/01
esults To: Analytical Method: PLM EPA 600/R-93/116	. (Sign):		10/06/2021 8:37 pm America/New_York	Lucia Josh	ナワ・ニ
Analytical Method: PLM EPA 600/R-93/116	II. (Print): (Sign):				
	Email Results	To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



Page 1 of 1 57757.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057757 CLIENT:

> 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: Reviewed by: **Date Issued**

> 10/15/2021 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

		,		1131
11231 Corne	11231 Cornell Park Drive, Cincinnati, OH 45242	5242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN OF Y FORM
Client: Homer city power generation	er generation		Project Number: 450190 phase 2	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survev
Project Name: Cooling tower 3 Homer City power plant	ver plant		Tracking Number:	Requested TAT:
		ASBESTOS BULKS	ASBESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Material Do	I Description	Homogeneous Area	Sample Lab Identification Location (Lab Use Only)
10/06/21	HC-ASB-938 Concret	crete, Tan	Cooling Tower 3 Throughout	Cooling tower 3 inside
10/06/21	HC-ASB-939 Concret	crete, Tan	Cooling Tower 3 Throughout	Cooling tower 3 outside wall
10/06/21	HC-ASB-940 Concret	crete, Tan	Cooling Tower 3 Throughout	Cooling tower 3
Special Instruc N/A	Special Instruction to Laboratory: N/A			
	CHAIN	OF CUSTODY INFORMATIC	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print):			Allera Kate	1202/81/01
. (Sign):		10/06/2021 8:39 pm America/New_York	Accordado	ラ カ:ニ
II. (Print):				
(Sign):				
Email Results To:	То:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	
	Mit.			



Page 1 of 1 57762.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057762 CLIENT:

> 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: Reviewed by: **Date Issued**

10/15/2021 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

				J94-70
11231 Corne	11231 Cornell Park Drive, Cincinnati, OH 45242	5242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CHAIN OF Y FORM
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190	Sampling Technician: Andre Steuer,Kyle Miller Mobile App: BSI - HAZMAT Survey
Project Name: Decommissioned Stack	led Stack		Tracking Number:	Requested TAT: 3 DAY
nome: Only power plant	wei piani		ASBESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Material	Il Description	Homogeneous Area	Sample Lab Identification Location (Lab Use Only)
10/08/21	HC-ASB-953 Con	Concrete, Tan	Decommissioned Stack Throughout	Decommissione d stack
10/08/21	HC-ASB-954 Cor	Concrete, Tan	Decommissioned Stack Throughout	Decommissione d stack
10/08/21	HC-ASB-955 Con	Concrete, Tan	Decommissioned Stack Throughout	Decommissione d stack
Special Instru N/A	Special Instruction to Laboratory: N/A			
	CHAIN	OF CUSTODY INFORMATIC	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print):			Alicia Vete	1202/21/01
(Sign):		10/08/2021 9:09 am America/New_York	Aluca Post	00:21
II. (Print):				
(Sign):				
Email Results To: hhoward@trccompanies.com	: To: panies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	
			·	



BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057678 CLIENT:

> 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: Reviewed by: **Date Issued** Joel Corso, Laboratory Analyst Kathleen Williamson, Laboratory Manager 10/07/2021

11231 Corne	TTC 11231 Cornell Park Drive, Cincinnati, OH 45242	5242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN OF Y FORM
Client: Homer City Po	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	Dome	Tra	Tracking Number:	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT
		ASBESTOS BULK SAMPLE INFORMATION	APLE INFORMATION	
Sample Date	Sample Materia Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (Lab Use Only)
09/30/21	HC-ASB-56 Conc	Concrete, Grey	Entire Dome	Dome wail
09/30/21	HC-ASB-57 Conc	Concrete, Grey	Entire Dome	At insulation breach
09/30/21	HC-ASB-58 Cond	Concrete, Grey	Entire Dome	Outer dome wall
Special Instru	Special Instruction to Laboratory:			
	CHAIN	CHAIN OF CUSTODY INFORMATION	ODY INFORMATION AND LABORATORY INFORMATION	
Refinquished By:		Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde	Conde		1/1/ Mars sa	12/4/21
Affi		10/01/2021 7:20 am America/New_York		000/
II. (Print):	The state of the s			
(Sign):				
Email Results To:	; То:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



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

Sample No.	Sample Location	Homogeneous Material Description	_	ther Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-605	See Diagram	White/Grey Ceiling Tile, 2' x 4'	60% 10%	cellulose mineral wool	ND	None
HC-ASB-606	See Diagram	White/Grey Ceiling Tile, 2' x 4'	60% 10%	cellulose 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



Page 2 of 2 57664.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/07/2021

A CONTRACTOR OF THE PROPERTY O	***************************************	***************************************	AMBRITANIAN MARKAMARIAN ARABA MARKAMARIAN PARIMAN MARKAMAN	en ar en	9
	リアド		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN Y FORM	J OF
Client: Horner City Power Generation	er Generation	Client: Homer City Power Generation	Project Number: 450190	Sampling Technician: Frank DeLizo, Heath Howard Mobile App: BSI - HAZMAT	oward MAT Survey
Project Name: Helvetia scale building	uilding		Tracking Number:	Requested TAT: 3 DAY	
		ASBESTOS BULL	ESTOS BULK SAMPLE INFORMATION		
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lak	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	Antible, the definishment is now verified extens to wrontest extension verified for
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 Instruct N/A	Special Instruction to Laboratory N/A	es elementario de escribilidade por la composição de la c			
		CHAIN OF CUSTODY INFORMA	ODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	
1. (Print): Heath Howard	ward		MA Main-so-	telula;	•
. (Sign):	J. J.	09/30/2021 12:00 pm America/New_York	k k	7000	
Enail Results To: hhoward@trccompanies.com	Fo:	Analytical Method: PLM EPA 600/R-93/16	Lab Comments:		
			WHEN THE PROPERTY OF THE PROPE		



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: Reviewed by: **Date Issued**

10/07/2021

11231 Corne	11231 Cornell Park Drive, Cincinnati, OH 45242	45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CHAIN OF Y FORM
Client: Homer city pov	Client: Homer city power generation		Project Number. 450190	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey
Project Name: Industrial waste treatme Homer City power plant	Project Name: Industrial waste treatment building Homer City power plant		Tracking Number:	Requested TAT:
		ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Mate	Material Description	Нотодепеоиs Area	Sample Lab Identification Location (Lab Use Only)
09/30/21		Caulking, Grey	Industrial Waste Treatment Upstairs Room.	Industrial waste treatment
09/30/21	HC-ASB-782 Ca	Caulking, Grey	Industrial Waste Treatment Upstairs Room.	Industrial waste treatment lower end west entrance toward silo.
Special Instru N/A	Special Instruction to Laboratory: N/A	No delesto Neneorman	CHAIN GETHSTORY INFORMATION AND ARGRATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print):		10,0472021 7:05 am	le Mamson	relula
. (Sign):		America/New_York	lece	1000
II. (Print):				
(Sign):				
Email Results To:	5 То:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



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

Sample No.	Sample Location	Homogeneous Material Description		ther 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% 80%	cellulose mineral wool	ND	None
HC-ASB-44	Back room	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose mineral wool	ND	None
HC-ASB-45	Restroom	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose 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



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:	Kleheen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager	•	Joel Corso, Approved Signatory	10/07/2021

WPLE CHAIN OF FORM	Sampling Technician: Mobile App: BSI - HAZMAT Survey	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT		Sample Lab Identification (Lab Use Only)	ТУ гоот	Back room	Back room	Back room	Back room	Restroom	Back room	Restroom	North exterior wall	North exterior wall	South exterior wall	West exterior wall	South exterior wall	South exterior wall	South exterior wall
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	Project Number: Sai 450190 Phase II Mo	Tracking Number: Re PL 24	MARIE INFORMATION	Homogeneous Area	Throughout Building	Throughout Building	Throughout Building	Throughout Building	Throughout Building	Throughout Building	Throughout Building	Throughout Building	Exterior Of Building	Exterior Of Building	Exterior Of Building	Exterior Of Building	Exterior Of Building	Exterior Of Building	Exterior Of Building
11231 Cornell Park Drive, Cincinnati, OH 45242			ASBESTOS BULK SAMPLE INFORMATION	Material Description	Cove Base, with Adhesive, Grey	Cove Base, with Adhesive, Grey	Cove Base, with Adhesive, Grey	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 4', White	Wallboard, Gypsum, White	Wallboard, Gypsum, White	Caulking, Black	Caulking, Black	Caulking, Black	Caulking, Tan	Caulking, Tan	Caulking, Tan	Caulking, Grey
II Park Drive, Cir	wer Generation	urity Building		Sample Identification	HC-ASB-40	HC-ASB-41	HC-ASB-42	HC-ASB-43	HC-ASB-44	HC-ASB-45	HC-ASB-46	HC-ASB-47	HC-ASB-48	HC-ASB-49	HC-ASB-50	HC-ASB-51	HC-ASB-52	HC-ASB-53	HC-ASB-54
11231 Corne	Client: Homer City Power Generation	Project Name: Main Gate Security Building		Sample Date	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21



			0
09/29/21 HC-ASB-55	Caulking, Grey	Exterior Of Building	South exterior wall
Special Instruction to Laboratory:	Y		
	CHAIN OF CUSTODY INFORMATION	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Antonio Conde		West Morrison	10/4/21
Medi	09/29/2021 6:28 pm America/New_York	beer	1000
(Sign): II. (Print):			
(Sign):			
Email Results To: aconde@trccompanies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	
VARIANCE AND			



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

Sample No.	Sample Location			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% 60%	cellulose mineral wool	ND	None
HC-ASB-871	Main security building	White/Tan Ceiling Tile, 2' x 4'	30% 60%	cellulose mineral wool	ND	None
HC-ASB-872	Main security building	White/Tan Ceiling Tile, 2' x 4'	30% 60%	cellulose mineral wool	ND	None
HC-ASB-869	Main security building	Brown/Tan Linoleum	30% 10%	cellulose synthetic fiber	ND	None
HC-ASB-873	Main security building	Brown/Tan Linoleum	30% 10%	cellulose 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



Page 2 of 2 57720.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Kledesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/15/2021

	RC ell Park Drive, Cir	ncinnati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM					
Client:	ower Generation		Project Number: 450190	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey				
Project Name: Main security i Homer City po	building		Tracking Number:	Requested TAT:				
-		ASBESTOS BUL	K 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 Tite, 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	Lingleum , 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 Instru N/A	uction to Laboratory				ali sa			
Relinguished By		CHAIN OF CUSTODY INFORM Date and Time	ATION AND LABORATORY INFORMATION Received By:	Date and Tim	<u> </u>			

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



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		ier Matrix Iaterials	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: Reviewed by: **Date Issued** 10/07/2021

7000	THE Company of A5242	# OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CHA	AIN OF
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190	Sampling Technician: Frank DeLizo,Heath Howard Mobile App: BSI - HAZMAT Survey	an: th Howard HAZMAT Survey
Project Name: MCC 2 Silo building	ilding		Tracking Number:	Requested TAT: 3 DAY	
		ASBESTOS BULK	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	٠
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 Instri N/A	Special Instruction to Laboratory:				
Relinguished By:		CHAIN OF CUSTODY INFORMAT	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION Date and Time Received By:	Date and Time	91
1. (Print): Heath Howard	Howard		11/11/2	(6/2/0)	100
· (Sign):	Att N	09/30/2021 3:20 pm America/New_York		000/	
II. (Print):					
(Sign):					
Email Results To: hhoward@trccompanies.com	s To: npanies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		
	e de la companya de l				



BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057858 CLIENT:

> 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		her 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: Reviewed by: **Date Issued**

10/28/2021 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

Received by: (Signature) TURNAROUND TIME ナイング MATERIAL Edition: October 2009 Supersede Previous Edition (Printed) 24hr 48hr LAB ID#. CPanScon 24hr 8hrTime: Date: 운 PLM: TEM: Condition of Samples:
Acceptable: Yes
Comments: (IL LTW SERIES NEC) **LEW NX NOB 188'4** Relinquished by: (Signature) (%01> & <10%) ASBESTOS BULK SAMPLING PARAMETERS POINT COUNT VAVLYZE BY LAYER CHAIN OF CUSTODY (w/ gravimetric reduction) (POSITIVE STOP) (Printed) **LEW ELV 600/R93/116** (POSITIVE STOP) 10/27/21 LLM EPA 600/R93/116 500 BEIGHTON BLOS Many Mechanical SAMPLE LOCATION Received by: (Signature) Hame L PROJECT NAME (Printed) INSPECTOR X)52/Q! 8 CBYB TYPE Time: 450 190.0000 COM X WINDSOR, CONNECTICUT 06095 TIME TELEPHONE (860) 298-9692 21 GRIFFIN ROAD NORTH DATE 100 Salar PROJECT NUMBER FAX (860) 298-6380 SIGNATURE MERCAPI SAMPLE NUMBER FTELD Remarks: (Printed)

Page I of I

3day 5day

48hr 3day



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

Sample No.	Sample Location	Homogeneous Material Description		her 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



Page 2 of 2 57737.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Kledesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/14/2021

				<u>711</u>	\mathcal{L}^{t}
11231 Corr	TRC nell Park Drive, C	ı Dincinnati, OH 45242	ASBESTOS BULK CUSTOL	SAMPLE CH. DY FORM	AIN OF
Client: Homer city po	wer generation		Project Number: 450190 phase 2	Sampling Technic Kyle Miller, Wayne	Gibson
Project Name Preventative r Homer City po	maintenance buildin	g	Tracking Number:	Mobile App: BSI - Requested TAT:	HAZMAT Survey
Tionier City pt	ower plant	PHYS SO SECTOR DVIIV	 CSAMPLE INFORMATION		
Sample	Sample	ASSECTOR BULL	COMMELETINIUKINATION		
Date	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 celling 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	

			oullding office love ceiling tile
Special Instruction to Laboratory: N/A			
Relinquished By:	OF CUSTODY INFORMATION At Date and Time	VD.LABORATORY INFORMATION Received By:	Date and Time
1. (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:	



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

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



Page 2 of 2 57655.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/06/2021

	***************************************	BY BY AND IN 1 IN	ventementementementementementementemente) ()
11231 Com	TT TY Drive, C	11231 Cornell Park Drive, Cincinnati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	S BULK SAMPLE CH CUSTODY FORM	AIN OF
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190	Sampling Technician: Frank DeLizo, Heath Howard Mobile App: BSI - HAZMAT	ian: Ith Howard HAZMAT Sirvev
Project Name: R&L Building	THE THROWS AND THE PARTY OF THE		Tracking Number:	Requested TAT: 3 DAY	
		ASBESTOS BULK	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	Managan
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	- 122
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 Instru N/A	Special Instruction to Laboratory N/A	17:		A PARTIE NA CANADA A CANADA A CANADA	de - p. d.
		CHAIN OF CUSTODY INFORMA	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:	,	Date and Time	Received By:	Date and Time	91
1. (Print): Heath Howard	Howard		le Manson	10/4	10/4/21
N. Sallin.	My Mr	09/30/2021 12:26 pm America/New_York		0001	0
II. (Print):					
(Sign):					
Email Results To: hhoward@trocompanies.com	s To: panies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		
V		The state of the s	West Production of the Control of th		



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:

Reviewed by:

Joel Corso, Approved Signatory

Date Issued

10/28/2021

ST V

21 GRIFFIN ROAD NORTH

WINDSOR, CONNECTICUT 06095 TELEPHONE (860) 298-9692 RAY (860) 208 6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009 Supersede Previous Edition

	- '} -			····			r		, , ,	 	- 1		
	DAY TIME	24hr 48hr 3day	IAL		ما خماها						Received by: (Signature)	(Printed)	Page 1 of 1
,		FLM: 8hr C	-		7						Date:	Time:	No
FAX (860) 298-6380	PROJECT NAME Homere Cotycle (STA)). OOOO. OOOO	TANDE CTOR AND NO BENEROLOGY LYZE BY LAYER LYZE BY LAYER LEPA 600/R93/116 SAMPLE LOCATION SAMPLE LOCATION	TEI (HE EL MANA) ANA PLAN PLAN PLAN PLAN CER							Received by: (Signature) Received by: (Signature) /0/27/21 Relinquished by: (Signature)	(Printed) Time: (Printed) / 520 (Printed)	Remarks: Acceptable: Yes Comments:



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: Reviewed by: **Date Issued** Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory 10/04/2021

AZ #A20944

HI #L-09-004

ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622 NJ #CT004 CA #2907

		MANAGEMENT COMMISSION OF THE STATE OF THE ST	министичний таким перину п	
11231 Corne	TACIONAL Cincinnati. OH 45242	i. OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CHAIN OF Y FORM
Client: Hamer City Po	Client: Homer City Power Generation		Project Number:	Sampling Technician: Frank DeLizo, Heath Howard Mobile App: BSI - HAZMAT Survey
Project Name: Rail dump MC	Project Name: Rail dump MCC 1&3 building		Tracking Number:	Requested TAT: 3 DAY
		** ** ASBESTOS BULK S	ESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (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 Coa	Coating on concrete floor, Black	Throughout Floor	See Diagram
09/30/21	HC-ASB-604 Coa	Coating on concrete floor, Biack	Throughout Floor	See Diagram
Special Instru N/A	Special Instruction to Laboratory: N/A			
		CHAIN OF CUSTODY INFORMATION	ODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print): Heath Howard	łoward		My Manson	10/4/21
. (Sign):	July Ch	09/30/2021 11:29 am America/New_York		2000
II. (Print).				
(Sign):				
Email Results To: hhoward@trccompanies.com	s To: panies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



Page 1 of 1 57675.NRGHomerCity.doc

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	_	ther 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: Reviewed by: **Date Issued** Kathleen Williamson, Laboratory Manager Joel Corso, Laboratory Analyst 10/07/2021

11231 Con	11231 Cornell Park Drive Cincinnati OH 45242	cinnati OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	S BULK SAMPLE CH. CUSTODY FORM	AIN OF
Client: Homer city po	Client: Homer city power generation		Project Number: 450190	Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Survey	ian: Gibson HAZMAT Survev
Project Name: RCRA building Homer city power plant	: g wer plant		Tracking Number:	Requested TAT:	
		ASBESTOS BULK	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 Instru N/A	Special Instruction to Laboratory: N/A		CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:	7	Date and Time	Received By:	Date and Time	ē
1. (Print):			1/1/ Mamson	101	10/4/21
JA.		10/01/2021 7:12 am America/New_York	le l	0001	00
II. (Print):					
(Sign):					
Email Results To:	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



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

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



Sample No.	Sample Location	Homogeneous Material Description		ther 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% 30%	cellulose mineral wool	ND	None
HC-ASB-19	Office spaces, near front desk	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-20	Maintenance training area hallway, near women's restroom	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose 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% 40%	cellulose mineral wool	ND	None
HC-ASB-25	maintenance training area	White/Beige Ceiling Tile, 2' x 2'	40% 40%	cellulose mineral wool	ND	None



Sample No.	Sample Location	Homogeneous Material Description		ther Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-26	maintenance training area	White/Beige Ceiling Tile, 2' x 2'	40% 40%	cellulose 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



Page 4 of 4 57679.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Kledesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/07/2021

11231 Corne	ornell Park Drive, C	11231 Cornell Park Drive, Cincinnati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CHAIN OF Y FORM
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190 Phase 11	Sampling Technician: Mobile App: BSI - HAZMAT Survey
Project Name: SERT Building	Model and the state of the stat		Tracking Number:	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT
		ASBESTOS BULK	ESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (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 Adhesíve, 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	Virryl 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

The



BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057670 CLIENT:

> 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: Reviewed by:

> 10/07/2021 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

Date Issued

	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	istratoromentamentamentamentamentamentamentamenta			
11231 Corne	11231 Cornell Park Drive, Cincinnati, OH 45242	45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHI Y FORM	4IN OF
Client: Homer city power generation	wer generation		Project Number: 450190 Phase II	Sampling Technician: Antonio Conde, Dan Bruun, Frank DeLizo Mobile App: BSI - HAZMAT Surve	an: n Bruun,Frank HAZMAT Survey
Project Name: Storage building	бı	Trac	Tracking Number:	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT	r / Tem epa nob
Sample Date	Sample Mater Identification	Material Description American Homogeneous	ir Le Incuration 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 Cal	Caulking, White	Exterior	Window	
09/30/21	HC-ASB-82 Cal	Caulking, White	Exterior	Window	
Special Instru N/A	Special Instruction to Laboratory:				
		HOF CUSTODY INFORMATION A	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	<b>d</b>
1. (Print): Antonio Conde	Conde			11/10	121
(Sign):	P	10/01/2021 7:18 am America/New_York	le Manson	000/	0
II. (Print):					
(Sign):		gerkan kanda da akir aga ka sika			
Email Results To:	з То:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		
**************************************					

Maintenance training area hallway, near office spaces	Maintenance training area hallway, near lunch room door	Meeting room, office spaces	Maintenance training area hallway, near lunch room door	Mechanical maintenance training room	Front desk, office spaces	E&I training Room, SERT building	Mechanical maintenance training room	Office spaces, near meeting room	Office spaces, near front desk	Maintenance training area hallway, near women's restroom	Main breezeway, maintenance training area hallway	Main breezeway, maintenance training area haltway
Main traini hallw office	Main traini hallw	Meeti	Main traini hallw	Mec main traini	Fror	E&I Roor bu	Mec main trainí					
Throughout SERT Building	Throughout SERT Building	Throughout SERT Building	Throughout SERT Building	Throughout SERT Building	Throughout SERT Building	Throughout SERT Building	Throughout SERT Building	Office Spaces, Maintenance Training Area Hallway	Office Spaces, Maintenance Training Area Hallway	Office Spaces, Maintenance Training Area Hallway	Maintenance Training Area Hallway, Main Door	Maintenance Training Area Hallway,
Adhesive, Yellow	Adhesive, Yellow	Wallboard, Gypsum, Tan	Wallboard, Gypsum, Tan	Wallboard, Gypsum, Tan	Wallboard, Joint Compound, White	Wallboard, Joint Compound, White	Wallboard, Joint Compound, White	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 2', White	Ceiling Tile, 2' x 2', White
HC-ASB-10	HC-ASB-11	HC-ASB-12	HC-ASB-13	HC-ASB-14	HC-ASB-15	HC-ASB-16	HC-ASB-17	HC-ASB-18	HC-ASB-19	HC-ASB-20	HC-ASB-21	HC-ASB-22
09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21

							man'ny santon'n de Ara de Service												ne	0001 17	7
Main breezeway, maintenance training area hallway	Maintenance training area	maintenance training area	maintenance training area	Copier cubicle, office spaces	Copier cubicle, office spaces	Office space, above ceiling tile	Office space, above ceiling tile	Conference kitchenette	Conference kitchenette	Conference kitchenette	Medical area	Medical area	Medical area	Outside SERT entrance	Outside SERT building	Outside SERT entrance			Date and Time	1/m/or	The same of the sa
Maintenance Training Area Hallway, Main Door	Maintenance Training Area	Maintenance Training Area	Maintenance Training Area	Office Spaces	Office Spaces	Office Spaces	Office Spaces	Conference/kitchenette Area	Conference/kitchenette Area	Conference/kitchenette Area	Medical Area	Medical Area	Medical Area	Outside Of Building	Outside Of Building	Outside Of Building		TODY INFORMATION AND LABORATORY INFORMATION	Received By:	We Manson	A STATE OF THE PARTY OF THE PAR
Ceiling Tile, 2' x 2', White	Ceiling Tile, 2' x 2', White	Ceiling Tile, 2' x 2', White	Ceiling Tile, 2' x 2', White	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Peach/tan	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Peach/tan	Caulking, Black	Caulking, Tan	Floor epoxy, Blue	Floor epoxy, Blue	Floor epoxy, Blue	Floor epoxy, Grey	Floor epoxy, Grey	Floor epoxy, Grey	Caulking, Grey, White	Caulking, Grey, White	Caulking, Grey, White		CHAIN OF CUSTODY INFORMATION	Date and Time	09/29/2021 6:10 pm America/New_York	And the state of t
HC-ASB-23	HC-ASB-24	HC-ASB-25	HC-ASB-26	HC-ASB-27	HC-ASB-28	HC-ASB-29	HC-ASB-30	HC-ASB-31	HC-ASB-32	HC-ASB-33	HC-ASB-34	HC-ASB-35	HC-ASB-36	HC-ASB-37	HC-ASB-38	HC-ASB-39	Special Instruction to Laboratory: N/A			Conde	ANTERIOR VOICE CONTROL OF A LABOR MATERIAL ANTERIOR ANTERIOR ANTERIOR ANTERIOR ANTERIOR ANTERIOR ANTERIOR ANTE
09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	09/29/21	Special Instru N/A		Refinquished By:	1. (Print): Antonio Conde	Annual Membership Annual Control of the Control of the Control of

MALL		les	
(Sign): 11. (Print):			
Sign):			
Email Results To: Aconde@trccompanies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



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

Sample No.	Sample Location	Homogeneous Material Description		ther 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



## 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:	Klesen	Reviewed by:	Willia /	Date Issued
	Kathleen Williamson, Laboratory Manager	•	Joel Corso, Approved Signatory	10/06/2021

<b>7</b> T	RC		ASBESTOS BULK CUSTO	SAMPLE CHA DY FORM	AIN OF
11231 Corne Client: Homer city pov		ncinnati, OH 45242	Project Number: 450190 phase 2	Sampling Technicis Kyle Miller Mobile App: BSI - I Requested TAT:	
Project Name: Stores Building Homer power p			Tracking Number:		
		ASBESTOS BULK	SAMPLE INFORMATION	Sample	Lab Identification
Sample	Sample Identification	Material Description	Homogeneous Area	Location	(Lab Use Only)
Date 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". Grev	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 Stores office	
09/29/21	HC-ASB-764	Caulking, Black, Brown	Stores Office Exterior	exterior Stores office	
09/29/21	HC-ASB-765	Caulking, Black, Brown	Stores Office Exterior	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 Instr	uction to Laborato		·	A SAME OF THE SAME	
		CHAIN OF CUSTODY INFORMA	TION AND LABORATORY INFORMATION		
Relinquished B	<b>y</b> :	Date and Time	Received By:	Date and Ti	ne
1. (Print):			Gelllam	5000 10,	14/21
. (Sign):		:	Illa	10	00
II. (Print):					
(Sign):					
Email Resu	Its To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	· · · · · · · · · · · · · · · · · · ·	

CLIENT: NRG Homer City



Lab Log #:

Project #: 450190.0002.0000

0057730

Date Received: 10/11/2021 Date Analyzed: 10/11/2021

Site: Training Center Building, 1750 Power Plant Road, Homer City, PA

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
HC-ASB-783	C-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% 30%	cellulose mineral wool	ND	None



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



## 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:	Kleden	Reviewed by:	Willia /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/14/2021

		0 1100		
TRC 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: Training center building Homer city power plant	Tracking Number:	Requested TAT:		

		ASBESTOS BULI	(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	

		* a		
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	Vinył Floor Tile, without Adhesive, 12" x 12", Brown, Tan, White	Training Building First Floor CEMS Office	Training building first floor CEMS office

AL



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

Sample No.	Sample Location	Homogeneous Other Matrix tion Material Description 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



#### Page 2 of 2 57658.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Kledesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/06/2021

	リと		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CHAIN OF IY FORM
Client: Homer City Po	1 1231 Cornell Park Drive, Cin Client: Homer City Power Generation	1 1231 Comeil Park Drive, Cincinnati, Ori 43242 Client: Homer City Power Generation	Project Number: 450190	Sampling Technician: Frank DeLizo, Heath Howard Mobile App. BSI - HAZMAT Survey
Project Name: Truck dump MCC-1 building	CC-1 building		Tracking Number:	Requested TAT: 3 DAY
		ASBESTOS BULK	ESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (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 asphait, 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 Instru N/A	Special Instruction to Laboratory: N/A			
		CHAIN OF CUSTODY INFORMA	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished Bv:	1	Date and Time	Popaived By:	Date and Time

Z

			thout Adhesive, 12" x Training Building First Floor CEMS		first fl	ng building oor CEMS		
10/01/21	HC-A\$B-805	Vinyl Floor Tile, v	vith Black Mastic, 12" Grey, White	Tra	nining Building First Floor CEMS Office	Traini first fl	office ng building oor CEMS	
10/01/21	HC-ASB-806	Vinyl Floor Tile, v	vith Black Mastic, 12"	Tra	aining Building First Floor CEMS Office	Traini first fl	office ng building loor CEMS office	
10/01/21	HC-ASB-807		with Black Mastic, 12" Grey, White	Tra	aining Building First Floor CEMS Office	Traini first fl	ng building loor CEMS bathroom	
10/01/21	HC-ASB-808		vith Black Mastic, 12" Brown, Tan, White	Тга	aining Building First Floor CEMS Office	first fi	ng building loor CEMS office	
			with Black Mastic, 12" Brown, Tan, White	Tra	Training Building First Floor CEMS Office		Training building first floor CEMS office	
			with Black Mastic, 12" Brown, Tan, White	Training Building First Floor CEMS Office		Training building first floor CEMS office		
Special Instru N/A	uction to Laborate	ory:						
		CHAIN	IF CUSTODY INFORMAT	IONIAN	ID LABORATORY INFORMATION			
Relinguished By	/:	10115 of \$500 to \$14,000 to 100 co.c. \$400	Date and Time	- Party April 2	Received By:	***************************************	Date and Time	
1. (Print):					Aliera Katz			
1			10/01/2021 10:47 am America/New_York		Aliera Katz Azura Katz 10/11/2021 10:0			
(Sign):					10/11/2051 10:0	DK		
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	_	ther Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-863	Units 1&2 basement operator office	White/Grey Ceiling Tile, 2' x 4'	60% 10%	cellulose mineral wool	ND	None
HC-ASB-864	Units 1&2 basement operator office	White/Grey Ceiling Tile, 2' x 4'	60% 10%	cellulose 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: Reviewed by: **Date Issued** 10/15/2021

11231 Corr	5242		ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM						
Client:	ower 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:		
and the state of t			ASBESTOS BULK SAMPLE INFORMATION			all all the last	Hindisələr Barina (bağı bil kirisə) ilk karılığı bürün		
Sample Date	Sample Identification	Materia	l Description		Homogeneous A	\rea	Le	ample ocation	Lab Identification (Lab Use Only)
10/02/21 HC-ASB-863 Ceiling Tile			e, 2' x 4', White	Uni	Units 1&2 Basement Operator Office		Units 1&2 basement operator office		
			e, 2' x 4', White	Units 1&2 Basement Operator Office		Units 1&2 basement operator office			
Special Instr N/A	uction to Laboratory:						200000000000000000000000000000000000000		
			OF CUSTODY INFORMA	TION A		DRMATION			
Relinquished By:			Date and Time	te and Time Received By:			Date and Time		
1. (Print):			10/02/2021 9:18 am America/New_York		Alicia Katz Alicia Vatz 10/11/21 10:00				
. (Sign):					.01.70				
II. (Print): (Sign):									
Email Results To:			Analytical Method: PLM EPA 600/R-93/116		Lab Comments:				



Page 1 of 1 57760.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057760 CLIENT:

> 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: Reviewed by: **Date Issued** 

Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

10/15/2021

	Military Community, Andrews			, )	0 11BC
			ASBESTOS BULK SAMPLE CHAIN OF	S BULK SAMPLE CH	AIN OF
11231 Corn	11231 Cornell Park Drive, Cincinnati, OH 45	JH 45242	201000		
Client: Homer City Po	Client: Homer City Power Generation	-	Project Number: 450190	Sampling Technician: Andre Steuer,Kyle Miller Mahile Ann: RSI - HAZTMAT Survey	ian: • Miller HAZMAT Survey
Project Name: Unit 1 Stack			Tracking Number:	Requested TAT:	I AZIVIA I SUIVEY
Homer City power plant	wer plant			3 DAY	
		ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION		
Sample Date	Sample Identification Ma	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 Instru N/A	Special Instruction to Laboratory:				
		CHAIN OF CUSTODY INFORMATI	F CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	e
1. (Print):			Alicio Vota	1/0/	10/13/2021
. (Sign):		10/08/2021 11:17 am America/New_York	Area last	11:57	- t-
II. (Print): (Sign):					
Email Results To: hhoward@trccompanies.com	To: naries.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		
				ļ	



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

Sample No.	Sample Location	Homogeneous Material Description		ther 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% 90%	cellulose mineral wool	ND	None
HC-ASB-99	Switch room, 3rd	White/Grey Ceiling Tile, 2' x 4'	5% 90%	cellulose 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



Sample No.	Sample Location	Homogeneous Material Description		ther Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-118	Operators lounge 1&2	White/Grey Ceiling Tile, 2' x 4'	30% 60%	cellulose mineral wool	ND	None
HC-ASB-119	Operators lounge 1&2	White/Grey Ceiling Tile, 2' x 4'	30% 60%	cellulose 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% 80%	cellulose mineral wool	ND	None
HC-ASB-124	Operators lounge 1&2	White/Grey Ceiling Tile, 2' x 4'	10% 80%	cellulose 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



Page 3 of 3 57725.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/14/2021

announcement or an announcement of the Marie of the contract o	· · · · · · · · · · · · · · · · · · ·	THE PROPERTY OF THE PROPERTY O	аттеприятивникатериятизминизминизминизминизминизминизминизми	ANNOMINATOR OF THE PROPERTY OF	D + 725
	え		ASBESTOS BULK SAMPLE CHAIN OF	SAMPLE CH	4/N OF
11231 Corn	ell Park Drive, C	11231 Cornell Park Drive, Cincinnati, OH 45242	000100	מאסר	
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190 Phase II	Sampling Technician: Antonio Conde, Frank DeLizo Mobile App: BSI - HAZMAT Survey	ian: ink DeLizo HAZMAT Survey
Project Name: Unit 2 Boller Area	геа		Tracking Number:	Requested TAT: PLM Standard TA: 24 Hour TAT	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT
Sample Date	Sample Identification	ASBES TOS BULK  Material Description	ASBESTOS BULK SAMPLE INFORMATION  scription Homogeneous Area	Sample Location	Lab Identification
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, Grey	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 1&2	

	Lab Comments:	Analytical Method: PLM EPA 600/R-93/116		To:	Email Results To:
					(Sign):
		The state of the s			II. (Print):
	10/11/2021 10:00				(Sign):
	Alicia Pate	10/06/2021 7:14 am America/New_York			
	Alicia Katz			Conde	1. (Print): Antonio Conde
Date and Time	Received By:	Date and Time			Relinquished By
	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	IN OF CUSTODY INFORMATION.	СНА		
			ry:	Special Instruction to Laboratory:	Special Instru N/A
Operators lounge 1&2	3rd Floor, Relay Room-1st Floor	Wallboard, Gypsum, White	Wallboa	HC-ASB-126	10/05/21
Operators bunge 1&2	3rd Floor, Relay Room-1st Floor	Wallboard, Gypsum, White	Wallboa	HC-ASB-125	10/05/21
Operators lounge 1&2	3rd Floor	Ceiling Tile, 2' x 4', Other, White	Ceiling Tile	HC-ASB-124	10/05/21
Operators lounge 1&2	3rd Floor	Ceiling Tile, 2' x 4', Other, White	Ceiling Tile	HC-ASB-123	10/05/21
Operators lounge 1&2	3rd Floor	Vinyl Floor Tile, with Black Mastic, 12" × 12", White	Vinyl Floar Ti	HC-ASB-122	10/05/21
Operators lounge 1&2	3rd Floor	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Vinyl Floor Ti	HC-ASB-121	10/05/21
Operators lounge 1&2	3rd Floor	Vinyl Floor Tile, Brownish-yellow, Black	Vinyl Floor Till	HC-ASB-120	10/05/21
Operators lounge 1&2	. 3rd Floor	Vinyl Floor Tile, Brownish-yellow, Black	Vinyl Floor Tik	HC-ASB-117	10/05/21
Operators lounge 1&2	3rd Floor	Ceiling Tile, 2' x 4', White	Ceiling	HC-ASB-119	10/05/21
Operators ounge 1&2	3rd Floor	Ceiling Tile, 2' x 4', White	Ceiling	HC-ASB-118	10/05/21
Operators lounge 1&2	3rd Floor	Vinyl Floor Tile, with White Adhesive, 12" x 12", Black w white flex	Vinyl Floor Ti 12" x 12'	HC-ASB-116	10/05/21
C2++C					

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		her 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: Reviewed by: **Date Issued** 10/15/2021

					)
11231 Com	lell Park Drive C	11231 Cornell Bark Drive Cincinnati OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	S BULK SAMPLE CH, CUSTODY FORM	4IN OF
Client: Homer City Po	Client:		Project Number: 450190 phase 2	Sampling Technician: Kyle Miller, Wayne Gibson Mobile Ann. BSI - HAZMAT Survey	an: Gibson HAZMAT Sinvey
Project Name: Unit 2 Precipitator Area Homer City power plant	ator Area		Tracking Number:	Requested TAT:	daying lyanzu
		ASBESTOS BULK	ASBESTOS BULK SAMPLEINFORMATION		
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 buildina	
Special Instru N/A	Special Instruction to Laboratory	y:			
		CHAIN OF CUSTODY INFORMAT	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	
1. (Print):			Alicia Kate	202/21/01	1202
· (Sign):		10/08/2021 7:48 pm America/New_York	Krew Math	SE:01	35

57751 Lab Comments: Analytical Method: PLM EPA 600/R-93/116 Email Results To: (Sign): III. (Print):



Page 1 of 1 57761.NRGHomerCity.doc

BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057761 CLIENT:

> 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: Reviewed by: **Date Issued** 

> 10/15/2021 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

19H0

Septimen.				- <del>-</del>
11231 Corne	11231 Cornell Park Drive, Cincinnati, OH 45242	innati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN OF Y FORM
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190 phase 2	Sampling Technician: Andre Steuer,Kyle Miller Mobile App: BSI - HAZMAT Survey
Project Name: Unit 2 Stack Homer City power plant	wer plant		Tracking Number:	Requested TAT: 3 DAY
		ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (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 Instru N/A	Special Instruction to Laboratory.			
		CHAIN OF CUSTODY INFORMAT	CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print):			Alicia Katz	1202/81/01
. (Sign):		10/08/2021 9:08 am America/New_York	Lucia John	11:57
II. (Print):				
(Sign):				
Email Results To: hhoward@trccompanies.com	s To: panies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



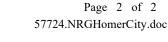
CLIENT: NRG Homer City Lab Log #: 0057724

> 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

Sample No.	Sample Location	Homogeneous Material Description			Asbestos %	Asbestos Type
HC-ASB-106	Turbine Offices/Control Room	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
HC-ASB-107	Turbine Offices/Control Room	White/Grey Ceiling Tile, 2' x 4'	60% 30%	cellulose mineral wool	ND	None
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





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

Sample No.	Sample Location	Homogeneous Material Description	C	other Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-127	Basement shanty 1&2	White/Grey Ceiling Tile, 2' x 4'	60% 10%	cellulose mineral wool	ND	None
HC-ASB-128	Basement shanty 1&2	White/Grey Ceiling Tile, 2' x 4'	60% 10%	cellulose 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:	Kleheen	Reviewed by:	William /	<b>Date Issued</b>
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/14/2021

10/05/21	10/05/21	10/05/21	10/05/21	10/05/21	10/05/21	10/05/21	10/05/21	10/05/21	10/05/21	Sample Date		Project Name: Unit 2 Turbine Area	Client: Homer City Power Generation	11231 Cornel
HC-ASB-101	HC-ASB-114	HC-ASB-113	HC-ASB-112	HC-ASB-111	HC-ASB-110	HC-ASB-109	HC-ASB-108	HC-ASB-107	HC-ASB-106	Sample Identification		rea	er Generation	Park Drive, C
Wallboard, Gypsum, White	Wallboard, Gypsum, White	Wallboard, Gypsum, White	Adhesive, Tan, Yellow	Adhesive, Tan, Yellow	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 4', White	Material Description	ASBESTOS BULK SAMPLE			11231 Cornell Park Drive, Cincinnati, OH 45242
Basement	Basement	Basement	2nd Floor	2nd Floar	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	Homogeneous Area	SAMPLE INFORMATION	Tracking Number:	Project Number: 450190 Phase II	ASBESTOS BULK :
Stator Room	Turbine Offices/Control Room	Turbine Offices/Control Room	Turbine Offices/Control Room	Turbine Offices/Control Room	Turbine Offices/Control Room	Turbine Offices/Control Room	Turbine Offices/Control Room	Turbine Offices/Control Room	Turbine Offices/Control Room	Sample Location		Requested TAT: PLM Standard TA: 24 Hour TAT	Sampling Technician: Antonio Conde,Frank DeLizo Mobile App: BSI - HAZMAT Survey	TOS BULK SAMPLE CHAIN OF CUSTODY FORM
										Lab Identification (Lab Use Only)		Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT	ian: ₃nk DeLizo HAZMAT Survey	AIN OF

	_ab Comments:	Analytical Method: La PLM EPA 600/R-93/116		s To:	Email Results To:
					(Sign):
	addiscontraction and the second secon			men men in all delin blade didikatik kalabahan penganpanpanpanpanpanpanpanpanpanpanpanpanpa	(Sign)
	Aucro Kab	10/06/2021 7:13 am America/New_York		B	læ1
	Alicia Katz		A DESCRIPTION OF THE PROPERTY AND ADDRESS OF THE PROPERTY OF T	Conde	1. (Print): Antonio Conde
Daw and mind	Received by:	Date and lime			Relinquished By:
	RY INFORMATION	CHAIN OF CUSTODY INFORMATION AND LABORATOR			
			Ÿ.	Special Instruction to Laboratory:	Special Instru
Shanty 1&2	Basement Shan	Cove Base, with Adhesive, Black	Cove Base,	HC-ASB-130	10/05/21
Shanty 1&2	Basement Shan	Cove Base, with Adhesive, Black	Cove Base,	HC-ASB-129	10/05/21
Basement shanty 1&2	Basement Shan	Ceiling Tile, 2' x 4', White	Ceiling	HC-ASB-128	10/05/21
Shanty 1&2	Basement Base shani	Ceiling Tile, 2' x 4', White	Ceiling	HC-ASB-127	10/05/21
Stator Room	Basement Stator	Adhesive, Yellow	Adh	HC-ASB-105	10/05/21
Stator Room	Basement Stator	Adhesive, Yellow	Adh	HC-ASB-104	10/05/21
Stator Room	Basement Stator	Wallboard, Gypsum, White	Wallboar	HC-ASB-103	10/05/21
Stator Room	Basement Stator	Wallboard, Gypsum, White	Wallboar	HC-ASB-102	10/05/21



CLIENT: NRG Homer City Lab Log #: 0057753

> Project #: 450190.0002.0000

Date Received: 10/13/2021 10/15/2021 Date Analyzed:

Site: Unit 3 Boiler Area, 1750 Power Plant Road, Homer City, PA

Sample No.	Sample Location	Homogeneous Material Description			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% 30%	cellulose 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% 10%	mineral wool 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



Sample No.	Sample Location	Homogeneous Material Description	0	ther 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% 10%	cellulose 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



Sample No.	Sample Location	Homogeneous Material Description	0	ther 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% 60%	cellulose mineral wool	ND	None
HC-ASB-182	Operators area	White/Tan Ceiling Tile, 2' x 4'	30% 60%	cellulose 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



Sample No.	Sample Location	Homogeneous Material Description	0	ther 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



#### Page 5 of 5 57753.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klesen	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/18/2021



Page 1 of 1 57674.NRGHomerCity.doc

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		her 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% 80%	cellulose 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.

Reviewed by: Analyzed by: **Date Issued** 10/07/2021

SBESITOS: BULK SAMPLE INFORMATION  II. Grey  Unit #3 Make-up Booster Pump House  Project Number:  Sample App: BSI-H  Homogeneous Area  Location  Unit #3 Make-up Booster Pump House  Unit #3 make-up  Black  Unit #3 Make-up Booster Pump House  Unit 3 make-up  Dooster pump  Dooster pum	11231 Corn	Bark Drive, Ci	11231 Cornell Park Drive, Cincinnati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CHAIN OF Y FORM
ASBESTOS BULK SAMPLE INFORMATION  Material Description  Homogeneous Area  Location  Homogeneous Area  Location  Unit #3 Make-up Booster Pump House  Unit #3 Make-up Booster Pump House  Unit 3 Make-up Booster Pump House  Unit 4	Client: Homer city por	wer generation		Project Number: 450190	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey
ASBESTOS BULK SAMPLE INFORMATION         ASBESTOS BULK SAMPLE INFORMATION         Homogeneous Area         Sample           Date         Identification         Material Description         Homogeneous Area         Location           1/30/21         HC-ASB-773         Expansion joint, Grey         Unit #3 Make-up Booster Pump House         Unit #3 make-up Booster Pump House         Unit #3 make-up Booster Pump House           1/30/21         HC-ASB-776         Pipe penetration caulk, Black         Unit 3 Make-up Booster Pump House         Unit 3 make-up Booster Pump House         Unit 3 make-up Booster Pump House           1/30/21         HC-ASB-775         Pipe penetration caulk, Black         Unit 3 Make-up Booster Pump House         Unit 3 make-up Booster Pump House         Unit 3 make-up Booster Pump House           1/30/21         HC-ASB-775         Water pump feed phalange gasket         Unit 3 Make-up Booster Pump House         Unit 3 make-up Booster Pump House         Unit 3 make-up Booster Pump House           1/30/21         HC-ASB-775         Water pump feed phalange gasket         Unit 3 Make-up Booster Pump House         Unit 3 make-up Booster Pump House           1/30/21         HC-ASB-774         Water pump feed phalange gasket         Unit 3 Make-up Booster Pump House         Unit 3 make-up Booster Pump House           1/30/22         HC-ASB-775         Date and Time         Intervent Booster Pump House         Intervent Boos	Project Name: Unit three mak Homer city pov	ce up booster pump		Tracking Number:	Requested TAT:
Page   Sample   Page			ASBESTOS BULK	SAMPLEINFORMATION	
1930/21 HC-ASB-773 Expansion joint, Grey Unit #3 Make-up Booster Pump House, booster pump house houses by Janke-up Booster Pump House house house house by Unit 3 Make-up Booster Pump House house house house house house house cial Instruction to Laboratory:  CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION And Time house h	Sample	Sample	Material Description	Homogeneous Area	Sample Lab Identification Location (Lab Use Only)
HC-ASB-776   HC-ASB-776   Caulking, Black   Unit 3 Make-up Booster Pump House   Dooster pum	09/30/21	HC-ASB-773	Expansion joint, Grey	Unit #3 Make-up Booster Pump House.	
1/30/21 HC-ASB-775 Pipe penetration caulk, Black Unit 3 Make-up Booster Pump House booster pump feed phalange gasket, Unit 3 Make-up Booster Pump House booster pump house cial Instruction to Laboratory:  CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION AND	09/30/21	HC-ASB-776	Caułking, Black	Unit 3 Make-up Booster Pump House	Unit 3 make-up booster pump house
1/30/21 HC-ASB-774 Water pump feed phalange gasket , Unit 3 Make-up Booster Pump House booster pump leack, Orange cial Instruction to Laboratory:  CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION  CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION  America/New_York  Amalytical Method: Lab Comments:	09/30/21	HC-ASB-775	Pipe penetration caulk , Black	Unit 3 Make-up Booster Pump House	Unit 3 make-up booster pump house
cial Instruction to Laboratory:  CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION  Industrial  Americal New_York  Analytical Method:  Lab Comments:	09/30/21	HC-ASB-774		Unit 3 Make-up Booster Pump House	Unit 3 make-up booster pump house
CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION  Date and Time Received By:  (//////2021 7:20 am America/New_York  America/New_York  Analytical Method: Lab Comments:	Special Instru N/A	uction to Laborator	<b>y</b> :		-
Date and Time Received By:  10/01/2021 7:20 am America/New_York  Analytical Method: Lab Comments:			CHAIN OF CUSTODY INFORMAL	TON AND LABORATORY INFORMATION	
10/01/2021 7:20 am America/New_York  America/New_York  Analytical Method: Lab Comments:	Relinquished By		Date and Time	Received By:	Date and Time
America/New_York	1. (Print):			(12/11/amsum	10/4/21
Results To:			10/01/2021 7:20 am America/New_York	Cher	7000
Analytical Method:	. (Sign): II. (Print):				
Analytical Method:	(Sign):				
PLM EPA 600/R-93/116	Email Result	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	

				111.
11231 Corn	Tornell Park Drive, Cincinnati, OH 45242	cinnati, OH 45242	ASBESTOS BULK CUSTOI	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM
Client: Homer City Pc	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	: Area ower plant		Tracking Number:	Requested TAT:
-		ASBESTOS BUL	ASBESTOS BULK SAMPLE INFORMATION	
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (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



# 

)																						
S 6th floor	4th floor	S 3rd floor	S 2nd Floor	S 1st floor	S 1st floor	Ground	11th floor	10th floor	9th floor	7th floor	5th floor	4th floor	S 3rd floor	2nd floor	S 1st floor	S 1st floor	11th floor	7th floor	5th floor	5th floor	N 3rd floor	7th floor
Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout	Throughout
Pipe insulation 12"-24"	Pipe insulation 12"-24"	Pipe insulation 12"-24"	Pipe insulation 12"-24"	Pipe insulation 12"-24"	Pipe insulation 12"-24"	Pipe insulation 12"-24"	Pipe insulation > 24"	Boiler refractory , Pink, White	Duct vibration damper , White													
HC-ASB-147	HC-ASB-154	HC-ASB-159	HC-ASB-170	HC-ASB-175	HC-ASB-176	HC-ASB-190	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	HC-ASB-134 E	HC-ASB-144	HC-ASB-150	HC-ASB-151	HC-ASB-162	HC-ASB-145
10/06/21	10/06/21	10/06/21	10/06/21	10/07/21	10/07/21	10/07/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/07/21	10/07/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21



			<u>_</u>												;							
s otn floor, west edge	7B north end cap	7A north end cap	S end cap	6A S end cap	6A shell	6B S end cap	6B shell	N end cap	S end cap	N & S end caps	S 1st floor	Air handler area	Operators area	Operators area	Operators area	Operators area	Operators area	Operators area	Lower end cap	Shell	Ground	Ground
Throughout	S 3rd Floor	S 3rd Floor	S 3rd Floor	S 2nd Floor	S 2nd Floor	S 2nd Floor	S 2nd Floor	N 2nd Floor	N 2nd Floor	S 1st Floor	S 1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	1st Floor	S Ground	S Ground	Throughout	Throughout
Duct vibration damper , White	7A/7B super heater shell insulation, 3rd	7A/7B super heater shell insulation, 3rd	Tank insulation, 3rd	6A/6B Feedwater heater shell insulation, 2nd, White	6A high pressure heater drip tank, 2nd, White	6A high pressure heater drip tank, 2nd, White	APH drip tank shell insulation, 1st, White	Boiler feed pump 1&2 insulation, 1st, White	Pipe insulation, operations/E&I areas, 1st, White	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 4', White	Cove Base, with Adhesive, Grey	Cove Base, with Adhesive, Grey	Wallboard, Gypsum, White	Wallboard, Gypsum, White	Flash tank shell insulation, GR, Pink, White	Flash tank shell insulation, GR, Pink, White	Caulking, White	Caulking, White			
HC-ASB-148	HC-ASB-157	HC-ASB-158	HC-ASB-161	HC-ASB-163	HC-ASB-164	HC-ASB-165	HC-ASB-166	HC-ASB-167	HC-ASB-168	HC-ASB-172	HC-ASB-179	HC-ASB-180	HC-ASB-181	HC-ASB-182	HC-ASB-183	HC-ASB-184	HC-ASB-185	HC-ASB-186	HC-ASB-187	HC-ASB-188	HC-ASB-191	HC-ASB-192
10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21



BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057677 CLIENT:

> 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: Reviewed by: **Date Issued** Joel Corso, Laboratory Analyst Kathleen Williamson, Laboratory Manager 10/07/2021

Project Number: 450190 Phase II Antonio Conde, Franchicia Applied Page: BSI- Holison Onde, Franchicia Applied Page: BSI- Homogeneous Area Location Throughout Structural pillar Throughout Throughout Throughout Structural pillar Throughout Throughout Structural pillar Throughout Throughout Throughout Throughout Structural pillar Throughout Throu	11231 Corne	11231 Cornell Park Drive, Cincinnati, OH 45242	5242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN OF Y FORM
Tracking Number:   Tracking Number:   Tracking Number:   PLM Standard TAT	Client: Homer City Po	wer Generation		oject Number. 0190 Phase II	Sampling Technician: Antonio Conde, Frank DeLizo Mobile App: BSI - HAZMAT Survey
Sample	Project Name: Unit 3 NIDS Ar	.63	五	acking Number:	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT
Sample   Sample   Location   Homogeneous Area   Sample			- ASBESTOS BULK SA	MPLEINFORMATION	
121	Sample Date		l Description	Homogeneous Area	Sample Lab Identification Location (Lab Use Only)
121   HC-ASB-69   Caulking, White   Throughout   Structural Instruction to Laboratory:   CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION   Data and Time   Throughout   Structural Instruction to Laboratory:   CHAIN OF CUSTODY INFORMATION   Data and Time   Throughout   Throughout   Data and Time   Throughout   Data and Time   Throughout   Throughout   Data and Time   Throughout   Data and Time   Data and Time   Throughout   Data and Time   Throughout   Data and Time   Data a	09/30/21		king, White	Throughout	Structural pillar
HC-ASB-70   Caulking, White   Throughout   Structural Instruction to Laboratory:   Instruction to Laboratory:	09/30/21		king, White	Throughout	Structural pillar
Instruction to Laboratory:  CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION  Antonio Conde  Antonio Conde  America/New_York  Analytical Method: PLM EPA 600/R-33/116	09/30/21		king, White	Throughout	Structural pillar
shed By:         CHAIN OF CUSTODY INFORMATION         Received By:         Date           Antionio Conde         10/01/2021 7:15 am         Interpretation         Interpretation           Maga         Interpretation         Interpretation         Interpretation           Analytical Method:         Interpretation         Interpretation	Special Instru N/A	ction to Laboratory:			
Antonio Conde         Received By:         Date and Time         Date and		NATO	OF CUSTODY INFORMATION	AND LABORATORY INFORMATION	
### Analytical Method:    Analytical Method: PLM Education   P	Relinquished By.	obsissed interactional interpretational characteristics of the contraction of the contrac	Date and Time	Received By:	Date and Time
America/New_York  America/New_York   America/New_York   America/New_York   America/New_York   America/New_York   America/New_York   Lab Comments:  PLM EPA 600/R-93/116	1. (Print): Antonio	Conde		14 Marson	12/2/01
Results To:  Analytical Method: PLM EPA 600/R-93/116	(Sim)	•	10/01/2021 7:15 am America/New_York	Keeren	000/
Analytical Method: PLM EPA 600/R-93/116	II. (Print):				
Analytical Method: PLM EPA 600/R-93/116	(Sign)		,		
	Email Results	; To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	

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 Instru N/A	Special Instruction to Laboratory N/A	ry:		
		CHAIN OF CUSTODY INFORMAN	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION.	
Kelinquisned by:		Date and Time	Received By:	Date and Time
1. (Print):			Alicia Katz	1202/21/01
. (Sign):		10/08/2021 7:37 pm America/New_York	Atua fatt	11:05
II. (Print):				

57753 Lab Comments: Analytical Method: PLM EPA 600/R-93/116

Email Results To:

(Sign):

#### BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057752 CLIENT:

> 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	_	ther Matrix Materials	Asbestos %	Asbestos Type
HC-ASB-965	Unit 3 precipitator 2nd foor	White/Tan Gasket	30% 20%	cellulose 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% 30%	cellulose 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.

Kathleen Williamson, Laboratory Manager

Date Issued

10/15/2021

				71100	J
	した ト		ASBESTOS BULK SAMPLE CHAIN OF	SAMPLE CHAIN C	)F
11231 Corn	nell Park Drive, C	11231 Cornell Park Drive, Cincinnati, OH 45242	CUSTODY FORM	Y FORM	
Cilent: Homer City Po	Cilent: Homer City Power Generation		Project Number: 450190 phase 2	Sampling Technician: Andre Steuer,Kyle Miller Mobile Apr. BSI - HAZMAT Survey	Vevril
Project Name: Unit 3 Precipitator Area Homer City power plant	tator Area		Tracking Number:	Requested TAT:	
		ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION		
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Ide	Lab Identification
10/07/21	HC-ASB-965	Gaskets, Tan, White	Unit 3 Precipitator	pu	
10/07/21	HC-ASB-966	Insulation, Pipe Elbows / Fittings, Grey	Unit 3 Precipitator	Unit 4	
10/07/21	HC-ASB-967	TSI jacket , Silver, Tan	Unit 3 Precipitator TSI	Unit 3	
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 Instru N/A	Special Instruction to Laboratory			cyton wildows	
		CHAIN OF CUSTOBY INFORMAT	F 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		

	Lab Comments:	Analytical Method: PLM EPA 600/R-93/116	Email Results To:
			(Sign):
			II. (Print):
95:01	Alacia Mad		. (Sign):
1202/81/01	Aliena Mark		
25445			



BULK ASBESTOS ANALYSIS REPORT

NRG Homer City Lab Log #: 0057763 CLIENT:

> 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: Reviewed by: **Date Issued** 

10/15/2021 Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory

				フィナロン	
11231 Corne	ell Park Drive, Cin	11231 Cornell Park Drive, Cincinnati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN Y FORM	1 OF
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190	Sampling Technician: Andre Steuer,Kyle Miller Mobile App: BSI - HAZMAT Survey	er MAT Survey
Project Name: Unit 3 Stack Homer City power plant	wer plant		Tracking Number:	Requested TAT: 3 DAY	
		ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION		
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lai Location (L	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 Instru N/A	Special Instruction to Laboratory.				
		CHAIN OF CUSTODY INFORMAT	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	
1. (Print):			Alicia Kertz	1202/21/01	1202
. (Sign):		10/08/2021 9:10 am America/New_York		20:21	2
II. (Print):					
(Sign):					
Email Results To: hhoward@trccompanies.com	s To: panies.com	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



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

Sample No. HC-ASB-198	Sample Location CRV R/S west lower	Homogeneous Material Description  White Pipe insulation 0-12"	Other Matrix Materials		Asbestos %	Asbestos Type
			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% 10%	cellulose 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% 30%	cellulose 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



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

Sample No.	Sample Location	Homogeneous Material Description		ther 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



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

Sample No.	Sample Location	Homogeneous Material Description	_	ther 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



### Page 4 of 4 57754.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klesen	Reviewed by:	Weller /	<b>Date Issued</b>
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/15/2021

				)	
11231 Corp.	THE Park Drive Ci	11231 Cornell Park Drive Cincinnati OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	SAMPLE CHAIN OF Y FORM	
Client: Homer City Po	Client: Homer City Power Generation		Project Number: 450190 phase 2	Sampling Technician: Antonio Conde, Frank DeLizo Mobile App: BSf - HAZMAT Survey	rvey
Project Name: Unit 3 Turbine Area	Area		Tracking Number:	Requested TAT:	
nomer only po	wei piain	ASBESTOS BULK	ASBESTOS BULK SAMPLE INFORMATION		
Sample Date	Sample Identification	Material Description	Homogeneous Area	Sample Lab Identification Location (Lab Use Only)	ication 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	



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:

Reviewed by:

Joel Corso, Approved Signatory

**Date Issued** 

10/14/2021

11231 Corr Client:	rehouse			450°	ect Number: 190 king Number:	TODY	AMPLE CHA FORM Sampling Technici Kyle Miller, Wayne Mobile App: BSI - Requested TAT:	an: Gibson
Sample	Sample		ASBESTOS BU	LK SAM	PLE INFORMATION			
Date	Identification	Material D	escription		Homogeneous Area		Sample Location	Lab Identification (Lab Use Only)
10/01/21	HC-ASB-833	Expansion	joint, Black	Unit	Three Warehouse North End Three Warehouse South End.		Unit three warehouse north end	(Las Goo Giny)
10/01/21	HC-ASB-834	Expansion	joint, Black	Unit	Three Warehouse North End Three Warehouse South End	, Unit	Unit three warehouse north end	
10/01/21	HC-ASB-835	Expansion	joint, Black	Unit	Three Warehouse North End Three Warehouse South End.		Unit three warehouse north end	
10/01/21	HC-ASB-836	Expansion	joint, Black	Unit	Three Warehouse North End, Three Warehouse South End,		Unit three warehouse south end.	
10/01/21	HC-ASB-837	Expansion	joint, Black	Unit	Three Warehouse North End , Three Warehouse South End,		Unit three warehouse south end	
Special Instru N/A	iction to Laboratory	<b>':</b>						
		CHAIN OF	CUSTODY INFORM	ATION A	NO LABORATORY INFORMATIO	)N		
Relinquished By	:		ate and Time	WHEN PROPERTY AND	Received By:		Date and Time	
1. (Print):					Alicia Kate	<u>.</u>	10/11	12021
(Sign):			10/01/2021 1:57 p America/New_Yo		Alicia Kett	<b>/</b>	(0	00
II. (Print):								
								•

	Ti-		ı	<del></del>	· · · · · · · · · · · · · · · · · · ·		·		<del></del>	<del> ,</del>		_{
Turbine rupture disk outlet vessel	Turbine rupture disk outlet vessel	See Diagram	See Diagram	Lockout- tagout/control room/turbine offices	Lockout- tagout/control room/turbine offices	Lockout- tagout/control room/turbine offices	Lockout- tagout/control room/turbine offices	Lockout- tagout/control room/turbine offices	Lockout- tagout/control			
2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor	2nd Floor
Turbine rupture disk outlet vessel insulation, 2nd	Turbine rupture disk outlet vessel insulation, 2nd	AC generator interior tar coating, 2nd, Black	AC generator interior tar coating, 2nd, Black	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 4', White	Ceiling Tile, 2' x 4', White	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey-marbled	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey-marbled	Vinyl Floor Tile, with Black Mastic, 12" x 12", Grey-marbled	Vinyl Floor Tile, without Adhesive, 12" x 12", Black	Cove Base, with Adhesive, Grey	Cove Base, with Adhesive, Grey
HC-ASB-196	HC-ASB-197	HC-ASB-201	HC-ASB-202	HC-ASB-203	HC-ASB-204	HC-ASB-205	HC-ASB-206	HC-ASB-207	HC-ASB-208	HC-ASB-209	HC-ASB-210	HC-ASB-211
10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21

45tts

てつ ナトウ	room/turbine offices	212 Heater #3/4 shell insulation, 1st , White 1st Floor 3 N end cap	213 Heater #3/4 shell insulation, 1st , White 1st Floor 4 W end cap	214 Pipe elbow on fiberglass, 1st, White Throughout 1st floor	215 Pipe elbow on fiberglass, 1st , White Throughout 1st floor	Ceiling Tile, 2' x 4', White 1st Floor voltage regulator room	Ceiling Tile, 2' x 4', White 1st Floor com	Tank shell, adjacent to surface Ground Tank end cap condenser, GR, White	Tan	Water co	Water conditioning tank shell insulation, Ground Ground GR, White	Sodium hydroxide tank 009A shell Ground Tank end cap insulation, GR, Grey, White	Š		238 Caulking, GR, White Ground Ground	Caulking, GR, White Ground Ground	Surface Surface Caulking, GR, Red Throughout Condenser,	Cilonia
		HC-ASB-212	HC-ASB-213	HC-ASB-214	HC-ASB-215	HC-ASB-222	HC-ASB-223	HC-ASB-226	HC-ASB-227	HC-ASB-228	HC-ASB-229	HC-ASB-230	HC-ASB-231	HC-ASB-237	HC-ASB-238	HC-ASB-239	HC-ASB-240	
		10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/07/21	10/08/21	10/08/21	10/08/21	10/08/21	10/08/21	10/08/21	10/08/21	10/08/21	10/08/21	10/08/21	

1202/E1/01					
Alicia Katz	X was look		Lab Comments:	ı	
	10/08/2021 7:38 pm America/New_York		Analytical Method: PLM EPA 600/R-93/116		
1. (Print):	(Sign):	I. (Print): (Sign):	Email Results To:		



Page 1 of 1 57676.NRGHomerCity.doc

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	_	ther 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% 10%	cellulose 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: Reviewed by: **Date Issued** Joel Corso, Laboratory Analyst Kathleen Williamson, Laboratory Manager 10/07/2021

11231 Com	11231 Cornell Park Drive. Cincinnati, OH 452	ncinnati. OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHAIN OF Y FORM
Client: Homer city pov	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 elect Homer city power plant	Project Name: Units one and two electric fire pump building Homer city power plant	NOTIFICATION AND AN ANALYSIS AND AN ANALYSIS AND AN ANALYSIS AND AN ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS AND ANALYSIS AND ANALYSIS AN	Tracking Number:	Requested TAT:
Sample Date	Sample Identification	ASBESTOS BULK Material Description	ASBESTOS BULK SAMPLE INFORMATION scription Homogeneous Area	Sample Lab Identification Location (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 Instru N/A	Special Instruction to Laboratory: N/A	λ:		
		CHAIN OF CUSTODY INFORMAT	CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print):			(Jet 11 lanson	R/h/a
		10/01/2021 7:15 am America/New_York	Merce	7000
. (Sign):				
II. (Print):				
(Sign):	:			
Email Results To:	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:	



Page 1 of 1 57672.NRGHomerCity.doc

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	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

Kathleen Williamson, Laboratory Manager

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** 

10/07/2021

					1 - O
11231 Com	T DIA Drive. C	11231 Cornell Park Drive. Cincinnati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHA Y FORM	IN OF
Client: Homer city po	Client: Homer city power generation		Project Number: 450190	Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey	n: Sibson AZMAT Survey
Project Name: Units one and two servi Homer city power plant	Project Name: Units one and two service water supply building Homer city power plant	guipling ylqqu	Tracking Number:	Requested TAT:	
		ASBESTOS BULK	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 Instru N/A	Special Instruction to Laboratory N/A	у:			
		CHAIN OF GUSTODY INFORMAT	CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	
1. (Print):			Well Marie Con	10/4/21	123
7		10/01/2021 7:26 am America/New_York		000/	0
II. (Print):					
(Sign):					
Email Results To:	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



Page 1 of 1 57673.NRGHomerCity.doc

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: Reviewed by: **Date Issued** Kathleen Williamson, Laboratory Manager Joel Corso, Laboratory Analyst 10/07/2021

11231 Corm	11231 Cornell Park Drive, Cincinnati, OH 45242	OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	S BULK SAMPLE CHAIN OF CUSTODY FORM	
Client: Homer city pov	Client: Homer city power generation		Project Number: 450190	Sampling Technician: Kyle Miller, Wayne Gibson Mobile App: BSI - HAZMAT Surv	vev
Project Name: Unlabeled Building 1 Homer city power plant	lding 1 wer plant		Tracking Number:	Requested TAT:	
Sample Date	Sample Nample Identification	ASBESTOS BULK:	ASBESTOS BULK SAMPLE INFORMATION scription Homogeneous Area	Sample Lab Identification (Lab Use Only)	cation Only)
09/30/21	HC-ASB-770	Caulking, Grey	Unlabeled Building 1 Doors	_ %	
09/30/21	HC-ASB-771	Caulking, Grey	Unlabeled Building 1 Doors	Unlabeled building 1 front door	
Special Instru N/A	Special Instruction to Laboratory:				
		CHAIN OF CUSTODY INFORMATI	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	
1. (Print):			111/11/100050	10/4/21	
(Sign)		10/01/2021 7:23 am America/New_York	lee	7000/	
II. (Print):					
(Sign):					
Email Results To:	s To:	Analytical Method: PLM EPA 600/R-93/116	Lab Comments:		



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	_	ther Matrix Materials	Asbestos %	None None None None
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% 60%	cellulose mineral wool	ND	None
HC-ASB-63	Control Room	White/Grey Ceiling Tile, 2' x 4'	30% 60%	cellulose 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	LAYER 1		ND	None
HC-ASB-66		LAYER 2 Black Cove Base	LAYER 2		ND	None
HC-ASB-67	Control Room	LAYER 1 Beige Adhesive			ND	None
HC-ASB-67		LAYER 2 Black Cove Base			ND	None



### Page 2 of 2 57661.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klehoan	Reviewed by:	Welley /	Date Issued
	Kathleen Williamson, Laboratory Manager	•	Joel Corso, Approved Signatory	10/04/2021

, 11

11231 Comell Park Drive.		1231 Comell Park Drive, Cincinnati, OH 45242	ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM	AMPLE CHA Y FORM	IIN OF
Client: Homer City Generation Station	ation Station	An analysis and a second and a	Project Number: 450190 Phase II	Sampling Technician: Antonio Conde,Frank DeLizo Mobile App: BSI - HAZMAT Survey	in: nk DeLizo IAZMAT Survey
Project Name: Waste Water Treatment (WWT)	Itment (WWT)		Tracking Number:	Requested TAT: PLM Standard TAT / TEM EPA NOB 24 Hour TAT	/ TEM EPA NOB
		ASBESTOS BUL	ESTOS BULK SAMPLE INFORMÁTION		
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	Contral 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 Raom	Control Room	
09/30/21	HC-ASB-67	Cove Base, with Adhesive, Black	Control Room	Control Room	
Special Instruction to Laboratory:	on to Laborato	ıy:			
		CHAIN OF CUSTODY INFORM	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:		Date and Time	Received By:	Date and Time	6
1. (Print): Antonio Conde	ери		Kelllamsen.	10/4/21	R
The state of the s		10/01/2021 7:19 am America/New_York	ork Meering	/000/	
(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: Reviewed by: **Date Issued** 

Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory 10/07/2021

<b>4</b>	TRC nell Park Drive, Cir	ncinnati, OH 4	5242		ASBESTOS	BULK S			AIN OF
Client:	ower Generation			Proje	ct Number:		Samp	oling Technic	ian:
									HAZMAT Survey
Project Name Water Filtration Homer City P	n Building			Track	ing Number:		Requ	ested TAT:	
			ASBESTOS BUL	K SAMP	LE INFORMATION				
Sample Date	Sample Identification	Materia	al Description		Homogeneous Ar	rea		Sample ocation	Lab Identification (Lab Use Only)
09/29/21	HC-ASB-756	Insulation, E	exterior pipe, White		N/A		wate	erior pipe er filtration ouilding	
09/29/21	HC-ASB-757	Insulation, E	xterior pipe, White		N/A		wate	erior pipe er filtration puilding	
Special Instru N/A	uction to Laboratory	r:	-				-	<u> </u>	
		CHAIN	OF CUSTODY INFORMA	ATION AN	E LABORATORY INFO	RMATION			
Relinquished By	r:		Date and Time		Received By:			Date and Tim	e
1. (Print):			09/29/2021 7:49 pi America/New_Yor	m ·k	lust.	llarns	~~	- 101 -1000	
. (Sign): II. (Print):					<u> </u>				
				i					
(Sign):			1	ŀ					
Email Results	s To:		Analytical Method: PLM EPA 600/R-93/116		Lab Comments:				



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



### Page 2 of 2 57859.NRGHomerCity.doc

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

		Homogeneous	Other Matrix	Asbestos	Asbestos
Sample No.	Sample Location	Material Description	Materials	%	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:	Klesen	Reviewed by:	Weller /	Date Issued
	Kathleen Williamson, Laboratory Manager		Joel Corso, Approved Signatory	10/28/2021

TRU

21 GRIFFIN ROAD NORTH

WINDSOR, CONNECTICUT 06095 TELEPHONE (860) 298-9692 FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009 Supersede Previous Edition

し S A A A A A A A A A A A A A A A A A A	TURNAROUND TIME	24hr 48hr	1 EM: 24hr 3day 5day			MATERIAL	Cailing Plades 6) Combo						Date: Received by: (Signature)		Time: (Printed)	No Page 1 of 1
	PROJECT NAME	•	SIGNATURE	08.7  VAEB (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10,01) (10	TAXLE  AXALE  AXALE  AXALE  AXALE	HELD  TEM NV N  TEM NV SEI  FORTY  FO	WATE- PL- PL- PL- PL- PL- PL- PL- PL- PL- PL						Relinquished by Signature) Date: Received by: (Signature) 10/2 = 1, Relinquished by: (Signature)	Ulbe 12 12 1/2/	(Printed) Time: (Printed) /500 (Printed)	Remarks: Acceptable: Yes Comments:



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		ther 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% 10%	cellulose mineral wool	ND	None
HC-ASB-849	Water treatment lab	White/Grey Ceiling Tile, 2' x 4'	60% 10%	cellulose 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



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

Sample No.	Sample Location	Homogeneous Material Description	_	ther 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% 60%	cellulose 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: Reviewed by:

**Date Issued** 10/14/2021

11231 Cornell Park Drive, Cincinnati, OH 45242

# ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Client: Homer city power generation

Sampling Technician: Kyle Miller,Wayne Gibson Mobile App: BSI - HAZMAT Survey Requested TAT: Project Number: 450190

Tracking Number:

ter treating la mer city powe	er plant	ASBESTOS BULK S	AMPLE INFORMATION	Sample	Lab Identification
Sample	Sample	Material Description	Homogeneous Area	Location	(Lab Use Only)
Date	Identification	Plank Ton	Water Treatment Lab	Water treatment lab	
10/01/21	HC-ASB-844	Lab counter , Black, Tan		Water treatment	
10/01/21	HC-ASB-845	Lab counter , Black, Tan	Water Treatment Lab	<u>lab</u>	
10/01/21		Vinyl Floor Tile, with Black Mastic, 12"	Water Treatment Lab	Water treatment	
10/01/21	HC-ASB-846	x 12". White		Water treatment	
10/01/21	HC-ASB-847	Vinyl Floor Tile, with Black Mastic, 12" x 12", White	Water Treatment Lab	lab	
10/0 (/21			Water Treatment Lab	Water treatment	
10/01/21	HC-ASB-848	Ceiling Tile, 2' x 4', White		Water treatment	
10/01/21	HC-ASB-849	Ceiling Tile, 2' x 4', White	Water Treatment Lab	lab	
10/01/21		Plaster ceiling above ceiling tiles,	Water Treatment Lab	Water treatment	
10/01/21	HC-ASB-850	Grev, White		Water treatment	
10/01/21	HC-ASB-851	Plaster ceiling above ceiling tiles , Grey, White	Water Treatment Lab	lab	
10/01/21			Transite Panels In The Fume Hoods	Water treatment	
10/01/21	HC-ASB-852	Cement Board, Grey, Tan	Water Treatment Lab Northwest Corner	Water treatment	
10/01/21	HC-ASB-853	Vinyl Floor Tile, with Black Mastic, 12" x 12", Tan	Of The Lab Only.	lab	
10/01/21	ļ	Vinyl Floor Tile, with Black Mastic, 12"	Water Treatment Lab Northwest Corner	Water treatment	
10/01/21	HC-ASB-854	x 12". Tan	Of The Lab Only.	Water treatment	
40/01/21	HC-ASB-855	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Grey	Water Treatment Lab Office	lab office	ļ
10/01/21		Vinyl Floor Tile, with Yellow Adhesive,	Water Treatment Lab Office	Water treatment	
10/01/21	HC-ASB-856	12" x 12", Grey	<u> </u>	Motor treatment	
	HC-ASB-857	Vinyl Floor Tile, with Yellow Adhesive, 12" x 12", Brown	Water Treatment Lab Office Under Grey Tiles	lab office under grey floor tile	

10/01/21	HC-ASB-858		with Yellow Adhesive, 12", Brown	Water Treatment Lab Office Under Grey Tiles	Water treatment lab office under grey tile	
10/02/21	HC-ASB-859	Ceiling glu	ue pucks , Brown	Water Treatment Lab Second Floor	Water treatment	
10/02/21	HC-ASB-860	Ceiling glu	ie pucks , Brown	Water Treatment Lab Second Floor	Water Treatment lab second floor	
10/02/21	HC-ASB-861	Ceiling glu	ie pucks , Brown	Water Treatment Lab Second Floor	Water treatment	- <u>1</u>
10/02/21	HC-ASB-862	Insulation, Pipe 6	Elbows / Fittings, White	Water Treatment Lab Second Floor	Water treatment	
Special Instru N/A	uction to Laborato	огу:				
Relinquished By	<u> </u>	CHAIN	OF CUSTODY INFORMAT	ION AND LABORATORY INFORMATION Received By:	Date and Ti	
1. (Print):			10/02/2021 6:54 am Ателіса/New_York	Alicia Katz		12021
. (Sign): II. (Print):						
(Sign):						
Email Results	s 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		her 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: Reviewed by: **Date Issued** Kathleen Williamson, Laboratory Manager Joel Corso, Approved Signatory 10/28/2021

Received by: (Signature) TURNARODINA TIME Edition: October 2009 MATERIAL Supersede Previous Edition (Printed) 24hr 48hr LAB ID #. 24hr 8hr Sprayed Time: Date: ž TEM: PLM: Condition of Samples:
Acceptable: Yes
Comments: (ie lum series nec) **LEW NA NOB 198'4** Relinquished by: (Signature) (W01> & <10%) ASBESTOS BULK SAMPLING PARAMETERS POINT COUNT VANALYZE BY LAYER CHAIN OF CUSTODY (w/ gravimetric reduction) (POSITIVE STOP) (Printed) **bew eby 600/893/116** PLM EPA 600/R93/116 (POSITIVE STOP) Received by: (Signature) 10/27/24 GENSTA SAMPLE LOCATION WGisson PROJECT NAME Homere City (Printed) INSPECTOR 10/23/20 CEVB TYPE COMB 450190,0000,0000 WINDSOR, CONNECTICUT 06095 TIME TELEPHONE (860) 298-9692 21 GRIFFIN ROAD NORTH 10/23/21 DATE PROJECT NUMBER Relinquished by: (Signature) FAX (860) 298-6380 2) Filson SIGNATURE MARCE SAMPLE NUMBER FIELD Remarks: (Printed)

Poosting

Page 1 of 1

3day Sday

48hr 3day

458t5



### **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

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:

10/18/2021

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.



Attn:

### **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

Frank DeLizio **TRC Environmental** 11231 Cornell Park Drive Cincinnati, OH 45242

Phone: (513) 489-2255 Fax: (513) 489-2533

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

012111601

PAYE50

Received: 10/11/2021 09:00 AM

Project: Bin 4 Homer City power plant

### **Analytical Results**

Client Sample Description	on HC-PCB-06 Expansion Joint Caulk		Collected: 10/5	5/2021 <b>L</b> a	b ID:	012111601-0	001
Method	Parameter	Result	RL Units	Pre Date & A		Analysi Date & Ana	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	4300 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	4300 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	4300 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	4300 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	4300 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	4300 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	180000 D	4300 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	4300 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	4300 mg/Kg	10/12/2021	ОМ	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

Email Results To: d brownstreccompanies. com h howard ptrocompanies. com	(Sign) July Ulfra	11. (Print):	. (Sign):	1. (Print): Kyle Miller	Relinquished By:		Special Instruction to Laboratory:	10/05/21 HC-PCB-06	Sample Sample Date Identification		Homer City power plant	Project Name: Bin 4	Client: Homer City Power Generation	11231 Cornell Park Drive, Cincinnati, OH 45242
PCB		10-10-21	10/08/2021 8:14 pm America/New_York		Date and Time	CHAIN OF CUSTODY INFORMATIO		Expansion Joint Caulk	Material Description	PCB BULK SAM			4 T	nati, OH 45242
Lab Comments:	Colleen Palladin	Challe DB	Ande Mbro	Frank Dalizio	Received By:	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION			Sample Location	PCB BULK SAMPLE INFORMATION		Tracking Number:	Project Number: 450190 phase 2	PCB BULK SAMPLE CHAIN OF CUSTODY FORM
	MEILS 18/11/01	3 14/11/21 900	12-6-01		Date and Time				Lab Identification (Lab Use Only)			Requested TAT:	Sampling Technician: Kyle Miller,Wayne Gibson	CHAIN OF CUSTODY RM

acidin 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

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:

10/19/2021

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

Phone: (513) 489-2255 Fax: (513) 489-2533

10/11/21 9:00 AM

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

012111620

PAYE50

Attn: H. Howard **TRC Environmental** 11231 Cornell Park Drive Cincinnati, OH 45242

Project: Cooling tower 1 Homer city power plant 450190 phase 2

## **Analytical Results**

Received:

Client Sample Description HC-PCB-09 Collected: 10/8/2021 Lab ID: 012111620-0001 Unit 1 cooling tower entrance door

	Office a cooling tower of	sittatice door				
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	t
GC-SVOA						
3546/8082A	Aroclor-1016	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EH
3546/8082A	Aroclor-1221	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EΗ
3546/8082A	Aroclor-1232	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EH
3546/8082A	Aroclor-1242	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EΗ
3546/8082A	Aroclor-1248	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EΗ
3546/8082A	Aroclor-1254	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EΗ
3546/8082A	Aroclor-1260	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EΗ
3546/8082A	Aroclor-1262	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EΗ
3546/8082A	Aroclor-1268	ND D	0.93 mg/Kg	10/12/2021 OM	10/13/21 0:00 E	EΗ

#### **Definitions:**

MDL - method detection limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

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

Lab Identification (Lab Use Only)	Sample Location	Material Description	Sample Identification	Sample Date
	PCB BULK SAMPLE INFORMATION	PCB BULK S		
Requested TAT:	Tracking Number:		1 wer plant	Project Name: Cooling tower 1 Homer city power plant
Sampling Technician: Kyle Miller, Wayne Gibson	Project Number: 450190 phase 2		Client: Homer city power generation	Client: Homer city pov
KW.	TORM	cinnati, OH 45242	11231 Cornell Park Drive, Cincinnati, OH 45242	11231 Corn
HAIN OF CUSTODY	PCB BULK SAMPLE CHAIN OF CUSTODY		プラ	Ŷ

10/08/21

HC-PCB-09

Caulking

Unit 1 cooling tower entrance door

N/A CI	CHAIN OF CUSTODY INFORMATION AND LABORATORY II	N AND LABORATORY INFORMATION	TION
Relinquished By:	Date and Time	Received By:	Date and Time
1. (Print): Kyle Miller		Palm ( in )	(DB) 10/12/21
(Sign):	10/08/2021 7:50 pm America/New_York		10:30am
II. (Print):			
(Sign):			
Email Results To:	Analytical Method:	Lab Comments:	Difference of property

COC record 10/12 BC 5 day TAT per comin 16.1.C

1



### **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

10/18/2021

TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

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.



Attn:

### **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: CustomerID: CustomerPO: 012111602 PAYE50

ProjectID:

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 De	escription HC-PCB-14 Cooling tower 2 stairs		Collected: 10/8	8/2021 <b>Lab</b>	ID:	012111602-00	001
Method	Parameter	Result	RL Units	Prep Date & And	alyst	Analysis Date & Ana	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.93 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.93 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.93 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.93 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.93 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.93 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.93 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.93 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH

ND D

0.93 mg/Kg

10/12/2021

OM

10/13/2021

00:00

EΗ

### **Definitions:**

3546/8082A

MDL - method detection limit

Aroclor-1268

RL - Reporting Limit (Analytical)

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

D - Dilution Sample required a dilution which was used to calculate final results

1							0	,					
in how are	Email Results To:	II. (Print):	1. (Print): + v av . (Sign):	Relinquished By:		Special Instr	10/08/21	Sample Date		Project Name: Cooling tower 2 Homer City power plant	Client: Homer city po	11231 Corn	
in howardy trocompanies . com	s To:		Trank Delizio	<i>ι</i> :		Special Instruction to Laboratory:	HC-PCB-14	Sample Identification		ower plant	Client: Homer city power generation	11231 Cornell Park Drive, Cincinnati, OH 45242	
62 · CO M	Analytical Method:		(2-01.0)	Date and Time	CHAIN OF CUSTODY		Caulking	Material Description	PCB			cinnati, OH 45242	
	Method:		2	0	INFORMATION				<b>BULK SAMP</b>	Ti	4:		(
	Lab Comments:		Colleen Palladin	Received By:	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		Cooling tower 2 stairs	Sample Location	PCB BULK SAMPLE INFORMATION	Tracking Number:	Project Number: 450190 phase 2	ULK SAMPI	
				Date and Time			vi			Requested TAT:	Sampling Technician: Kyle Miller,Wayne Gibson	E CHAIN OF	
20-8°C John Dashir			10/11/01 10/11/01	Time				Lab Identification (Lab Use Only)			nician: ne Gibson	CUSTODY	

Page 1 Of

1



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

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:

10/18/2021

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



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

Attn: Frank DeLizio **TRC Environmental** 11231 Cornell Park Drive Cincinnati, OH 45242

(513) 489-2255 (513) 489-2533

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

012111605

PAYE50

Phone: Fax: Received: 10/11/2021 09:00 AM

Project: Cooling tower 3 Homer City power plant

### **Analytical Results**

		/ illaly illoal i it	Journa					
Client Sample Description	n HC-PCB-17 Caulking		Collected: 10	)/8/2021	Lab	ID:	012111605-0	001
Method	Parameter	Result	RL Units		Prep Date & Ana	alyst	Analysis Date & Ana	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.99 mg/Kg	10	0/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.99 mg/Kg	10	0/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.99 mg/Kg	10	0/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.99 mg/Kg	10	0/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.99 mg/Kg	10	0/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.99 mg/Kg	10	0/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.99 mg/Kg	10	0/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.99 mg/Kg	10	0/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.99 mg/Kg	10	0/12/2021	ОМ	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

# Special Instruction to Laboratory: N/A Cooling tower 3 Homer City power plant Homer city power generation 11231 Cornell Park Drive, Cincinnati, OH 45242 Identification HC-PCB-17 Sample **Material Description** Caulking PCB BULK SAMPLE INFORMATION Project Number: 450190 phase 2 Tracking Number: PCB BULK SAMPLE CHAIN OF CUSTODY Sample Location Sampling Technician: Kyle Miller, Wayne Gibson Requested TAT: Lab Identification (Lab Use Only)

Project Name:

Sample Date

10/08/21

in howard, tre companies, com dbown trocom panies, com

Analytical Method: PCB

Lab Comments:

**Email Results To:** 

II. (Print)

(Sign):

(Sign):

0,121

12-101-01

Relinquished By:

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Received By:

Colleen Palladino

10/11/21 GBM

**Date and Time** 

**Date and Time** 

paid in plastic



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: H. Howard

10/18/2021

TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

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



Attn: H. Howard

### **EMSL** Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

**TRC Environmental** 

EnvChemistry2@emsl.com

CustomerID: CustomerPO: ProjectID:

EMSL Order:

012111610

PAYE50

Phone: (513) 489-2255 Fax: (513) 489-2533 Received: 10/11/2021 09:00 AM

Project: 450190 Phase II Main Gate Security Building

11231 Cornell Park Drive Cincinnati, OH 45242

### **Analytical Results**

	A	naiyucai N	ะอนแอ				
Client Sample Description	HC-PCB-04 North exterior wall		Collected: 9/3	29/2021	Lab ID:	012111610-000	01
Method	Parameter	Result	RL Units		rep Analyst	Analysis Date & Analy	/st
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.87 mg/Kg	10/12/20	)21 OM	10/13/2021 00:00	EH
Client Sample Description	HC-PCB-07 South exterior wall		Collected: 9/3	29/2021	Lab ID:	012111610-000	02
Method	Parameter	Result	RL Units		rep Analyst	Analysis Date & Analy	/st

Method	Parameter	Result	RL Units	Prep Date & Anal	yst	Analysis Date & Ana	
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	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.91 mg/Kg	10/12/2021	ОМ	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	ОМ	10/13/2021 00:00	EH



Attn:

### **EMSL Analytical, Inc.**

**200 Route 130 North, Cinnaminson, NJ 08077** Phone/Fax: (856) 303-2500 / (856) 858-4571

 EMSL Order:
CustomerID:
CustomerPO:

012111610 PAYE50

CustomerPO: ProjectID:

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
 Collected:
 9/29/2021
 Lab ID:
 012111610-0002

South exterior wall

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Ana	
GC-SVOA						
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

email for how to lace and that 10/11 BC for word 5 day and by lication

		North exterior wall	Expansion Joint	HC-PCB-04	09/29/21
Lab Identification (Lab Use Only)		Sample Location	Material Description	Sample Identification	Sample Date
		PCB BULK SAMPLE INFORMATION	PCB BULK SA		
TAT:	Requested TAT:	Tracking Number:		curity Building	Project Name: Main Gate Security Building
chnician:	Sampling Technician:	Project Number: 450190 Phase II		Client: Homer City Power Generation	Client: Homer City Po
F CUSTODY	LE CHAIN O FORM	PCB BULK SAMPLE CHAIN OF CUSTODY FORM	11231 Cornell Park Drive, Cincinnati, OH 45242	ell Park Drive, Cir	11231 Corn

09/29/21	HC-PCB-07	Window Caulking	South Exterior wall	
Special Instru	Special Instruction to Laboratory: N/A			
		CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	AND LABORATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print): Frau . (Sign):	Oct. Del. Zio	12.01.01	Colleen Palladies	10/11/01 9 mm
II. (Print): (Sign):				
Email Results To: hhoward@trccompanies.com	To: panies.com	Analytical Method:	Lab Comments:	

recid in plastic



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

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:

10/18/2021

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



Attn:

### **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

Frank DeLizio **TRC Environmental** 11231 Cornell Park Drive Cincinnati, OH 45242

(513) 489-2255 (513) 489-2533

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

012111607

PAYE50

Phone: Fax: Received: 10/11/2021 09:00 AM

Project: SERT Building

### **Analytical Results**

**Client Sample Description** HC-PCB-03 Collected: 9/29/2021 Lab ID: 012111607-0001

Outdoor Panel Caulking Outside SERT building

(composite)

	(composite)						
Method	Parameter	Result	RL Units	Prep Date & Anal	yst	Analysis Date & Ana	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.98 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.98 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.98 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.98 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.98 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.98 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.98 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.98 mg/Kg	10/12/2021	ОМ	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

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

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

a prompt recompanies con

passoc plastic

	Lab Comments:	Analytical Method:	<b>Co:</b> nies.com	Email Results To: hhoward@trccompanies.com
				(Sign):
			, /	II. (Rrintt)
		10-10-11	WILL ON COLUMN	. (Sign)
Web 16/11/01	Colleen Palladino		Frank Delizio	1. (Print):
Date and Time	Received By:	Date and Time		Relinquished By:
	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	AIN OF CUSTODY INFORMATION	CH.	
			Special Instruction to Laboratory:	Special Instruc
	Outside SERT building (composite)	Outdoor Panel Caulking	HC-PCB-03 Outo	09/29/21
(Lab Use Only)	Sample Location	Material Description	Sample Ma	Sample Date
	EINFORMATION	PCB BULK SAMPLE INFORMATION		
Requested TAT:	Tracking Number: Reque	Tra		Project Name: SERT Building
Sampling Technician:	Project Number: Sampli	Pro	er Generation	Client: Homer City Power Generation
N OF CUSTODY	PCB BULK SAMPLE CHAIN OF CUSTODY FORM	H 45242	11231 Cornell Park Drive, Cincinnati, OH 45242	11231 Corne

1



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: H. Howard

10/18/2021

TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

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



Client Sample Description

Attn:

### **EMSL Analytical, Inc.**

HC-PCB-21

200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID: CustomerPO:

Lab ID:

10/12/2021

10/12/2021

ProjectID:

012111600

012111600-0001

00:00

00:00

00:00

10/13/2021

10/13/2021

EΗ

EΗ

OM

OM

PAYE50

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

10/8/2021

Project: 450190 Phase II Unit 2 Boiler Area

### **Analytical Results**

Collected:

0.87 mg/Kg

0.87 mg/Kg

,	6th Floor						
Method	Parameter	Result	RL Units	Prep Date & Ana	lyst	Analysis Date & Ana	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.87 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.87 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.87 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.87 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.87 mg/Kg	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.87 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	0.91 D	0.87 mg/Kg	10/12/2021	OM	10/13/2021	EH

ND D

ND D

### **Definitions:**

3546/8082A

3546/8082A

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

Aroclor-1262

Aroclor-1268

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

11231 Corn	11231 Cornell Park Drive, Cincinnati, OH 45242	cinnati, OH 45	5242	PCB BULK SAMPLE CHAIN OF CUSTODY FORM	FORM	CUSTOL
Client: Homer City Po	Client: Homer City Power Generation			Project Number: 450190 Phase II	Sampling Technician: Antonio Conde,Frank DeLizo	nician: ,Frank DeLizo
Project Name: Unit 2 Boiler Area	rea			Tracking Number:	Requested TAT: Standard	.7
			PCB BULK	PCB BULK SAMPLE INFORMATION		
Sample Date	Sample Identification	Material	Material Description	Sample Location	ation	Lab Identification (Lab Use Only)
10/08/21	HC-PCB-21	Grey Floor	Grey Floor Expansion Joint	6th floor		
Special Instru	Special Instruction to Laboratory					
		CHAIN	OF CUSTODY INFORM	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		
Relinquished By:			Date and Time	Received By:	Date and Time	Time
(Sign):			10/08/2021 12:37 pm America/New_York	Frank Deli	ho	10-9-21
II. (Print):  (Sign):	Ande Meh	8	10-10-2)	Collean Bul	Palladia 10/11	10/11/01 9BM
Email Regults To:	mail Regults To:	rs Com	Analytical Method:	: Lab Comments:		
email to confirm all 1 project	whoward tre companies, com	11 1 proj	cet			20.8°C plas

1



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: H. Howard

10/18/2021

TRC Environmental
11231 Cornell Park Drive
Cincinnati, OH 45242

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



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: CustomerID: CustomerPO: 012111609

PAYE50

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 De	Scription HC-PCB-05 Unit 3 acid injection buildi	ng exterior	Collected: 10/1/2	2021 <b>Lab I</b>	D:	012111609-00	001
Method	Parameter	Result	RL Units	Prep Date & Anai	lyst	Analysis Date & Ana	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.87 mg/Kg	10/12/2021	_	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.87 mg/Kg	10/12/2021	-	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.87 mg/Kg	10/12/2021	_	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.87 mg/Kg	10/12/2021	_	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.87 mg/Kg	10/12/2021	-	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.87 mg/Kg	10/12/2021	-	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.87 mg/Kg	10/12/2021	_	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.87 mg/Kg	10/12/2021	_	10/13/2021 00:00	EH

ND D

0.87 mg/Kg

10/12/2021

OM

10/13/2021

00:00

EΗ

### **Definitions:**

3546/8082A

MDL - method detection limit

Aroclor-1268

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

												E					111	
4	3	PM &	In howar	Abruva +1	(Sign):	II. (Print):	(Sign):	i. (Fillil). YVOYIG GIDSOII	Relinquished By:		Special Instru	10/01/21	Sample Date		Project Name: Unit three acid	Client: Homer city power generation	11231 Corn	
Man Man 1	The second of th	in to confi	In howard to companies, com	+ frccomi pur	had Wha	11. (Print): Pelizio		Gibbon			Special Instruction to Laboratory:	HC-PCB-05	Sample Identification		Project Name: Unit three acid injection building	wer generation	11231 Cornell Park Drive, Cincinnati, OH 45242	
9	with later than	on how to	liff, com	ies. Com	0					CHAIN		Expansion	Materia				ncinnati, OH 45	
	Don oming the location and S day THE WILLIAM	email to continu how to log and that 10/11 the		PCB		10.10-21	America/New_York	10001	Date and Time	OF CUSTODY INFORM		Expansion Joint Caulk	Material Description	PCB BULK S			5242	
	一世	11011				<u> </u>	7 1			ATION AND				SAMPLE IN	Tracking	Project	П	
	10/1100	CAL.		Lap Comments:		Collen Palladin	And Myrie	Frank Delizio	Received By:	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		Unit 3 acid injection building exterior	Sample Location	PCB BULK SAMPLE INFORMATION	Tracking Number:	Project Number:	PCB BULK SAMPLE CHAIN OF CUSTODY FORM	
		reid	208.00						Date and Time			terior			Requested TAT:	Sampling Technician:	HAIN OF	
		recid in plastic	208			10/11/21 9AM	10-9-21		Time				Lab Identification (Lab Use Only)		Τ:	hnician:	CUSTODY	



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

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:

10/18/2021

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



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com EMSL Order: CustomerID: CustomerPO: ProjectID:

012111603 PAYE50

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				

	3					
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 & Analysi	Analysis Date & Ana	
GC-SVOA						
3546/8082A	Aroclor-1016	ND D	0.85 mg/Kg	10/12/2021 OI	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.85 mg/Kg	10/12/2021 OI	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.85 mg/Kg	10/12/2021 OI	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.85 mg/Kg	10/12/2021 OI	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.85 mg/Kg	10/12/2021 OI	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.85 mg/Kg	10/12/2021 OI	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.85 mg/Kg	10/12/2021 OI	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.85 mg/Kg	10/12/2021 OI	M 10/13/2021 00:00	EH



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID: CustomerPO:

012111603 PAYE50

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

		Analytical R	esults					
Client Sample Description	n HC-PCB-13 Paint		Collected:	10/8/2021	Lab	ID:	012111603-0	002
Method	Parameter	Result	RL Units	s	Prep Date & An	alyst	Analysis Date & Ana	
GC-SVOA								
3546/8082A	Aroclor-1268	ND D	0.85 mg/k	(g	10/12/2021	ОМ	10/13/2021 00:00	EH
Client Sample Description	n HC-PCB-20 Red Seal Caulking Ground		Collected:	10/8/2021	Lab	ID:	012111603-0	003
Method	Parameter	Result	RL Units	s	Prep Date & An	alyst	Analysis Date & Ana	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.89 mg/k	(g	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.89 mg/k	(g	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.89 mg/k	(g	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.89 mg/k	(g	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.89 mg/k	(g	10/12/2021	OM	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	1.0 D	0.89 mg/k	(g	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.89 mg/k	(g	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.89 mg/k	(g	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.89 mg/k	(g	10/12/2021	ОМ	10/13/2021 00:00	EH

### **Definitions:**

MDL - method detection limit

RL - Reporting Limit (Analytical)

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

D - Dilution Sample required a dilution which was used to calculate final results

Projet Park Drive, Cincinnati, OH 45242  Projet Wer Generation  Wer plant  Sample Identification  HC-PCB-10  HC-PCB-13  HC-PCB-20  Red Seal Caulking  CHAIN OF CUSTODY INFORMATION AND Date and Time  Date and Time  To:  Analytical Method:  PCB  Analytical Method:  PCB  Analytical Method:	Abrun	(Sign):	II. (Print):	· (Sign):	1. (Print): Frank	Relinquished By:		Special Instru	3 10/08/21	10/08/21	10/08/21	Sample Date		Project Name: Unit 3 Boiler Area Homer City power plant	Client: Homer City Po	11231 Corn
cinnati, OH 45242  Proje 4501s  PCB BULK SAMPLE  Material Description  Clear Caulking  Paint  Red Seal Caulking  CHAIN OF CUSTODY INFORMATION AN  Date and Time  Date and Time  Analytical Method: PCB	tre compani	, To:		A MILL	-Deliza			iction to Laboratory	HC-PCB-20	HC-PCB-13	HC-PCB-10	Sample Identification		rea wer plant	wer Generation	ell Park Drive, Cin
Project Number: 450190 phase 2 Tracking Number: Sample INFORMATION Economizer water pipe Ground Received By: Lab Comments:	COM	Analytical Meth		1 [0-10-2]		Date and Time	CHAIN OF CUSTODY INFO		Red Seal Caulking	Paint	Clear Caulking	Material Description	PCB BUL			cinnati, OH 45242
					Collean Pallodina	Received By:	RMATION AND LABORATORY INFORMATION		Ground		Economizer water pipes	Sample Location	K SAMPLE INFORMATION	Tracking Number:	Project Number: 450190 phase 2	PCB BULK SAMPLE CHAIN OF CUSTODY FORM

1



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

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:

10/18/2021

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



Attn:

### **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: CustomerID: CustomerPO:

ProjectID:

012111608 PAYE50

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 Descriptio	n HC-PCB-02 Unit #3 make-up booster pump house		Collected:	9/30/2021	Lab	ID:	012111608-00	001
Method	Parameter	Result	RL Units		Prep Date & Ana	lyst	Analysis Date & Ana	
GC-SVOA								
3546/8082A	Aroclor-1016	ND D	0.97 mg/Kg	10	0/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.97 mg/Kg	1	0/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.97 mg/Kg	10	0/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.97 mg/Kg	10	0/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.97 mg/Kg	10	0/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.97 mg/Kg	10	0/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1260	2.9 D	0.97 mg/Kg	10	0/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.97 mg/Kg	1	0/12/2021	OM	10/15/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.97 mg/Kg	10	0/12/2021	OM	10/15/2021 00:00	EH

### **Definitions:**

MDL - method detection limit

RL - Reporting Limit (Analytical)

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

D - Dilution Sample required a dilution which was used to calculate final results

11231 Corn	11231 Cornell Park Drive, Cincinnati, OH 45242	cinnati, OH 45242	PCB BULK SAMPLE CHAIN OF CUSTODY FORM	LE CHAIN OF CUSTODY FORM
Client: Homer city po	Client: Homer city power generation		Project Number: 450190	Sampling Technician: Kyle Miller, Wayne Gibson
Project Name: Unit three make up boo Homer city power plant	Project Name: Unit three make up booster pump house Homer city power plant	use	Tracking Number:	Requested TAT:
T T		PCB BULK SA	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	p house.
Special Instru N/A	Special Instruction to Laboratory: N/A			
		CHAIN OF CUSTODY INFORMA	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION	
Relinquished By:		Date and Time	Received By:	Date and Time
1. (Print): + vb. vv /C . (Sign):	ank Delizio	12-01-01	Colleen Palladino	MUS 16/11/01
II. (Phnt): (Sign):				
Email Results To:	א To:	Analytical Method:	Lab Comments:	-
h howard	h howard troccompanies com	C DV1		208.00
mail to	confirm to	Swall to confirm how to log 10/1186		erd in pash

1



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

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:

10/18/2021

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



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com

ProjectID: Phone: (513) 489-2255 Fax: (513) 489-2533

10/11/2021 09:00 AM

EMSL Order:

CustomerID:

CustomerPO:

012111606

PAYE50

Attn: Frank DeLizio **TRC Environmental** 11231 Cornell Park Drive Cincinnati, OH 45242

Project: Unit 3 Turbine Area Homer city power plant

**Analytical Results** 

Received:

Client Sample Description HC-PCB-18 Collected: 10/8/2021 Lab ID: 012111606-0001

Black Floor Expansion Joint Ground

	Black Floor Expansion	Joint Ground				
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Ana	
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 Collected: 10/8/2021 Lab ID: 012111606-0002

Red Seal Caulking Surface condenser

Method	Parameter	Result	RL Units	Prep Date & Anal	lyst	Analysis Date & Ana	
GC-SVOA							
3546/8082A	Aroclor-1016	ND D	0.91 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.91 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.91 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.91 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.91 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.91 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.91 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.91 mg/Kg	10/12/2021	ОМ	10/13/2021 00:00	EH



Attn:

### **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

Frank DeLizio **TRC Environmental** 11231 Cornell Park Drive Cincinnati, OH 45242

Project: Unit 3 Turbine Area Homer city power plant

Phone: (513) 489-2255 (513) 489-2533

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

012111606

PAYE50

Fax: Received: 10/11/2021 09:00 AM

**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 & Analys	Analysi t Date & Ana	
GC-SVOA						
3546/8082A	Aroclor-1268	ND D	0.91 mg/Kg	10/12/2021 O	M 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

**Email Results To:** 

Analytical Method: PCB

Lab Comments:

(Sign)

h howard trocompanies com

Special Instruc	10/08/21	10/08/21	Sample Date	1. 日本 新人工	Project Name: Unit 3 Turbine Area Homer city power plant	Client: Homer City Power Generation	11231 Corne
Special Instruction to Laboratory: N/A	HC-PCB-19	HC-PCB-18	Sample Identification		પrea er plant	ver Generation	Park Drive, Cir
	Red Seal Caulking	Black Floor Expansion Joint	Material Description	PCB BULK			11231 Cornell Park Drive, Cincinnati, OH 45242
	Surface condenser	Ground	Sample Location	PCB BULK SAMPLE INFORMATION	Tracking Number:	Project Number: 450190 phase 2	PCB BULK SAMPLE CHAIN OF CUSTODY FORM
			Lab Identification (Lab Use Only)		Requested TAT:	Sampling Technician: Antonio Conde,Frank DeLizo	CHAIN OF CUSTODY RM

0

Relinquished By:

CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION

Received By:

**Date and Time** 

1

10/11/21 9AM

Colleen Palladino

Date and Time

10-10-21

1. (Print):

Frank Delizio

(Sign):

20.8°C recid in plastic



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

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:

10/18/2021

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



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: CustomerID: CustomerPO: 012111604

PAYE50

ProjectID: (513) 489-2255 (513) 489-2533

10/11/2021 09:00 AM

Attn: Frank DeLizio **TRC Environmental** 11231 Cornell Park Drive Cincinnati, OH 45242

Project: Units one and two service water supply building Homer city power plant

### **Analytical Results**

Phone:

Received:

Fax:

Client Sample Description HC-PCB-01 Collected: 9/30/2021 Lab ID: 012111604-0001

units 1&2 NIDs service water supply building

	exterior					
Method	Parameter	Result	RL Units	Prep Date & Analys	Analysi t Date & Ana	
GC-SVOA						
3546/8082A	Aroclor-1016	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1221	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1232	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1242	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1248	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1254	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1260	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1262	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH
3546/8082A	Aroclor-1268	ND D	0.91 mg/Kg	10/12/2021 C	M 10/13/2021 00:00	EH

### **Definitions:**

MDL - method detection limit

RL - Reporting Limit (Analytical)

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

D - Dilution Sample required a dilution which was used to calculate final results

hnoward tre companies, con	A hand the complete to the post of the pos	10-10-4 (Sign): And Whre	10/01/2021 7:25 am Amarica Mew Yarb  (Sign):	1. (Print): Kyle Miller	Relinquished By:  Date and Time	CHAIN OF CUSTODY INFO	Special Instruction to Laboratory: N/A	09/30/21 HC-PCB-01 Expansion Caulk	Sample Sample Material Description	PCB BUI	Project Name: Units one and two service water supply building Homer city power plant	Client: Homer city power generation	11231 Cornell Park Drive, Cincinnati, OH 45242
	nod: Lab Comments:	Colleen Palladin		Frank Delizio	Received By:	CHAIN OF CUSTODY INFORMATION AND LABORATORY INFORMATION		units 1&2 NIDs service water supply building exterior	Sample Location	PCB BULK SAMPLE INFORMATION	Tracking Number:	Project Number: 450190	FORM
pecdin plantic		10/11/01 9 PM			Date and Time			uilding exterior.	(Lab Use Only)		Requested TAT:	Sampling Technician: Kyle Miller, Wayne Gibson	RM

Page 1 Of

1



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistrv2@emsl.com

Attn: Dan Bruun

11/2/2021 TRC Exton

140 South Village Avenue Suite 130

**Exton, PA 19341** 

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



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

Attn: Dan Bruun **TRC Exton** 140 South Village Avenue Suite 130 **Exton, PA 19341** 

Project: Homer City/Maintenance and Mech Bldg

EMSL Order: CustomerID:

012112225 OSRC50

CustomerPO: ProjectID:

Phone: (610) 524-5525 Fax: (610) 524-0565 Received: 10/26/21 10:00 AM

### **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 & Analy	/st
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

RL - Reporting Limit (Analytical)

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

D - Dilution Sample required a dilution which was used to calculate final results

ABORA	MSL
TORY - PRODUCTS - TRAIL	ANALYTICAL,
20	S.

# Environmental Chemistry Chain of Custody EMSL Order Number (Lab Use Only):

PHONE: FAX:

tested on the same day as the date of sample collection.	s the dat	e day a	the same	tested on the sai		nperatur	and Field Temperature a		Only   Resu	nents: X Results	quirer	ents:	Instructions or Comments: Results Only Results and Work R
			7		4								
												1	
MADI 18/00-10	6/00/0	1	advia	Pall	loen	S			15-52	-3	3	3	2
Date & Time	0				d By	Received By			Date & Time	Dar	re)	gnatu	Released By (Signature)
							X	None	0	10-21-21	X		ME-PCB-1
		Field	Fie Te:	Fi			PC	4=ICE 5=Other	SL=Sludge O= Other		G	C	
Comments	d Tem st Tim	d Tem Deg C	eld ph st Tim	eld pH			2B,	2=HNO3 3=H2SO4	S=Soil A=Air	Collect Date/Time	rab	omp	Client Sample ID
		ıp.	ł ie	1			,	1=HCL	W=Water				Contract Contract
			ed	est(s) Needed	List Test	-		Preservative	Matrix	ssing of samples	rproce	hinder	Failure to complete will hinder processing of samples
ys  ☐ 1 Day	s	3 Days	4 Days	Week   4	<b>X</b> 1	proval!	ct to√ab ap	The following TATs are subject to lab approval!(	The following	2 Weeks		Time:	Standard Turnaround Time:
Samples Received Chilled (YN)	les Recei	Samp		0	200	h ill	ature):	Sampled By (Signature)		Client Check one		EMSL	Samples Collected by: EMSL
								Other (Specify):		No If yes, NPDES?		e? Yes	Sample for Compliance?
int: (0.25-2)	Date of Shipment:	Date o				ent:	s in Shipm	Number of Samples in Shipment:	Nu	d: PA	ollecte	les Co	U.S. State where Samples Collected:
n	Purchase Order:	Purch	COM	2 + 92110-54 COM	Comp	t treces	About trecompanies	Email Results To:	Q En	Mach Bid	1	3	Project Name: Homer
			Fax:		4		Phone:			Fax:	F		Phone:
Zip/Postal Code:	Z	e:	State/Province:	State	_		City:	de: 19346	Zip/Postal Code:	State/Province: PA	te/Pro	Stat	city: Exton
				AMA	Say		Street:			AVE		Mage	Street: [40.5, V)
5	Brunn	Down	100	HOWARD	Heath		Attention To:					2	Company Name: 十万
				20	-	Bill To Company:	Bill To C	200	/ Dan Bruun	6 Howard	leat	ne:  -	Report To Contact Name: Healb

Controlled Document - COC-07 Environmental Chemistry - R7.1 - 2/14/2017

Page 1 of

pages

(Lab) Received Temperature: 20:3°C FX: 8165 9405 8637 Received Temperature: 20:3°C

1

Appendix D – Certifications



015750

Height 6'00"

Birth Date 03/30/1951

Expires 01/07/2022

Issue Date 02/11/2021

Class INSPECTOR

WAYNE GIBSON
131 CARNATION DRIVE
DEPTFORD NJ 08096

# 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. Schläger 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

# **Building Inspector Refresher Course** Pennsylvania Asbestos

under TSCA Title II

ACCESS TRAINING SERVICES, INC. 7921 River Road, Pennsauken, NJ 08110

(856) 665-3449

1/7/21 Course Date ACC-0121-6-002
Certificate Number

Not Provided Social Security Number

Wal & gall

Expiration Date

N/A Exam Date Mark K. Schläger Training Director