

**ADDENDUM NO. #2**  
**December 4, 2025**  
**Fire Station 16 Renovations**  
**(10% MBE PARTICIPATION GOAL)**

**TO ALL BIDDERS:**

This addendum, including all articles and corrections listed below, shall be taken into account in preparing the Bid.

**ITEM NO. 1** Questions and Answers

1. **Question:** In the documents we purchased from quest for the Dayton Fire Station 16 Renovations REBID, these sections below are listed in the specs table of contents but not included:
  - a. 03 35 43 Polished Concrete Finishing
  - b. 04 73 23 Calcium Silicate Manufactured Building Stone Masonry –
  - c. Basic Fire Suppression Materials and Methods - table of contents # 21 00 02, in specs 21 00 02 is Fire Suppression Work in Existing Buildings (listed as 21 0003)
  - d. 23 81 01 Terminal Heat Transfer Units

**Answer:** See Below:

- a. Not Needed.
  - b. Not Needed.
  - c. The Table of Contents incorrect. There is no “Basic Fire Suppression materials and Methods” section and “Fire Suppression Work in Existing Buildings” section should be 21 002 as it is in the body of the spec.
  - d. Not Needed.
2. **Question:** Looking over the bid documents, I am unable to locate any asbestos survey. Do you know if there will be an addendum to include a survey of the asbestos materials needed for removal prior to renovations?

**Answer:** *Pre-Renovation Asbestos Inspection* report is attached. Additionally, the *Pre-Renovation Preliminary Lead-Containing Paint Inspection* report is attached as well.

3. **Question:** Looking through the drawings and sheet F0.1 has a Fire Suppression piping table that says wet pipe sprinkler pipe 2" and smaller shall be threaded black steel. Can IGS pipe, which is a roll grooved product line that Victaulic pipe be used for the 2" or less pipe?

**Answer:** Add type S3 to the 2" and smaller, this means the contractor can use the joining method, but it must be schedule 40 piping. Schedule 10 rolled will still be only allowed in 2 ½" and larger piping.

**ITEM NO. 2** Sign-In Sheets for Voluntary Site Visit are attached.



April 29, 2025

Mr. Curt Sparks, Associate AIA, LEED GA  
App Architecture  
615 Woodside Drive  
Englewood, Ohio 45322

Telephone (937) 836-8898 ext. 110

**RE: Pre-Renovation Asbestos Inspection of Fire Station 16, 4111 Kings Highway,  
Dayton, Ohio, March 10 and 31, 2025.  
Helix Project No. 7348.**

Dear Mr. Sparks:

App Architecture contracted with Helix Environmental, Inc. to perform a pre-renovation asbestos inspection of the accessible portions of the Fire Station 16 located at 4111 Kings Highway, Dayton, Ohio. The inspection was necessary to determine if asbestos-containing building materials were present so that plans could be made to remove them in accordance with current regulatory requirements prior to a planned renovation project at the building. This letter report summarizes the results of the inspection performed on March 10 and 31, 2025 and the analytical results of samples collected on those dates. A separate report on a preliminary lead-containing paint inspection for Fire Station 16 was sent to you previously.

## **INSPECTION AND ANALYTICAL PROCEDURES**

Mr. Ralph Froehlich, CIH, CSP, QEP and Mr. Benjamin Froehlich, IH with Helix Environmental, Inc. performed bulk sampling for asbestos in the accessible renovation areas at the Fire Station 16 building located on 4111 Kings Highway in Dayton, Ohio. On March 10 and 31, 2025, Mr. R. Froehlich and Mr. B. Froehlich collected samples in the areas of the accessible building where the majority of work is to occur. Mr. Ralph A. Froehlich is a Certified Industrial Hygienist with more than thirty years experience in the fields of occupational and environmental health, and is certified by the Ohio Department of Health as an Asbestos Hazard Evaluation Specialist and Asbestos Abatement Project Designer (Certification Nos. ES3074 and PD60148, respectively). Mr. Benjamin Froehlich has over fifteen years experience in the fields of occupational and environmental health and is also certified by the Ohio Department of Health as an

Asbestos Hazard Evaluation Specialist and Asbestos Abatement Project Designer (Cert. Nos. ES34739 and PD60827, respectively).

Helix Environmental, Inc. collected fifty-four (54) bulk samples of suspect asbestos-containing building materials in the renovation areas on March 10, 2025. Helix Environmental, Inc. collected an additional eighteen (18) bulk samples of suspect asbestos-containing building materials in the renovation area on March 31, 2025.

Sampling locations were determined in a manner "sufficient to determine" whether miscellaneous and non-friable materials contain more than 1% asbestos if they were not assumed to contain asbestos. No thermal system insulation or surfacing materials were identified during the inspection. Bulk samples of the suspect materials were collected using cleaned hand tools and packaged in labeled zip-lock plastic bags. The sample bags were placed into a larger zip-lock bag, with the original sample data/chain-of-custody and analytical request forms. Helix Environmental, Inc. retained copies of these forms.

Bulk samples were shipped by overnight courier to SanAir Technologies Laboratory, Inc., a National Voluntary Laboratory Accreditation Program (NVLAP) and Ohio Certified Professional accredited environmental lead laboratory, where they were analyzed via Polarized Light Microscopy (PLM) with dispersion staining in accordance with the U.S. Environmental Protection Agency's Interim Methods for the Determination of Asbestos in Bulk Insulation Samples (EPA-600/R-93/116). Under this method, the limit of detection for asbestos is about 1 percent by area. Samples containing smaller concentrations of asbestos are not reliably detected by this technique. Polarized light microscopes equipped with 10X eyepieces, 10X and 40X objective lenses and dispersion staining lenses were used to identify fibers present in the samples. This method has a reporting limit of 1%.

SanAir Technologies Laboratory, Inc. maintains accreditation from the American Industrial Hygiene Association as an environmental microbiology laboratory and has received accreditation through successful participation in the NIST National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos and as an environmental lead laboratory. AIHA-accredited laboratories are scrutinized on a regular basis to ensure that personnel, equipment, facilities and data are maintained. In addition, AIHA-accredited laboratories have well-developed assurance/quality control programs to ensure that analytical results accurately reflect conditions present during the sampling periods.

## **APPLICABLE STANDARDS**

### **Asbestos**

The U. S. Environmental Protection Agency (EPA) has established regulations that apply to friable and potentially friable materials with asbestos content in excess of one percent, as determined by PLM. These regulations establish required notification, removal techniques, and disposal of regulated asbestos-containing materials. "Friable" means that a suspect material can be reduced to a powder by hand pressure when dry and denotes a material that is capable of releasing significant amounts of asbestos fibers to the air. Potentially friable materials are those that may release asbestos fibers to the air if they are extensively damaged during demolition operations, and include Category I Nonfriable materials in poor condition and Category II Nonfriable materials. Category I Nonfriable materials include bituminous roofing materials, resilient flooring materials, and gaskets, where the asbestos is mixed in a resilient matrix. Category I Nonfriable materials may be left in buildings when they are demolished by conventional methods, if the materials are not in poor condition. The Ohio EPA has established equivalent regulations for Ohio (Ohio Administrative Code 3745-20).

U. S. EPA has also recently banned certain uses of asbestos, and requires exposure monitoring to determine whether potentially-exposed persons exceed an airborne "Existing Chemical Exposure Limit" (ECEL) of 0.005 fibers/cc. The requirement for exposure monitoring and provision of respirators for persons whose exposures exceed 0.005 fibers/cc is currently in effect (40 CFR 751 Subpart F).

The Occupational Safety and Health Administration (OSHA) has promulgated an eight-hour Time-Weighted Average (TWA) Permissible Exposure Limit of 0.1 fibers/cc for airborne asbestos exposures while working in and around asbestos-containing materials (29 CFR 1910.1001, 29 CFR 1926.1101). A 30-minute Excursion Limit of 1.0 fibers/cc is also included with the standards. Asbestos-containing materials are defined as those that contain more than 1% asbestos. These regulations include complex requirements for asbestos abatement, dividing the work with and around asbestos into four classes, with varying requirements for each class. OSHA also requires building and facility owners to maintain records of information concerning the presence, location and quantity of asbestos-containing material (ACM) and presumed asbestos-containing material (PACM) installed in their building or facility (29 CFR 1910.1001(j)(2)(ii)).

The U.S. Environmental Protection Agency (EPA) has established clearance criteria of 0.01 fibers/cc by PCM analyses for small-scale asbestos abatement projects in schools (40 CFR 763.91). In addition, EPA has established clearance criteria of 70 asbestos structures/mm<sup>2</sup> by Transmission Electron Microscopy (TEM) analyses. However, this clearance criteria is only required for large asbestos abatement projects in schools.

The American Conference of Governmental Industrial Hygienists (ACGIH) recommends an airborne eight-hour TWA Threshold Limit Value of 0.1 fibers/cc (ACGIH 2024 *TLVs and BEIs*). ACGIH TLVs denote concentrations and conditions to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.

The National Institute for Occupational Safety and Health (NIOSH) identifies asbestos as an occupational carcinogen, and recommends that occupational exposures be “limited to the lowest feasible concentration” (NIOSH *Pocket Guide to Chemical Hazards*, 2007).

The Ohio Environmental Protection Agency (OEPA) has established additional regulations for asbestos abatement, including a certification program for asbestos supervisors, workers, hazard evaluation specialists, project designers, and air monitoring technicians. OEPA regulations also require contractors to be licensed, and require 10 working day advance notifications for asbestos abatement in amounts over 50 linear feet (LF) or 50 square feet (SF) of friable asbestos-containing material (Ohio Administrative Code 3745-20, 22).

## ANALYTICAL RESULTS

**TABLE 1: CONFIRMED AND ASSUMED ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-04 25016076-004 25016863-001	200 LF 18 SF	1	Grey Interior Caulk/ Basement, Southwest Central Hose Drainage Closet, Southeast Doorway, South Side, 3' Ht.	Non-Friable	3% Chrysotile Asbestos Detected; 2% Chrysotile Asbestos by Point Count
7348-03-10-05 25016076-005 25016863-002	-	1	Grey Interior Caulk/ Basement, Northwest Exercise Room, Southeast Entrance, West Side, 1.5' Ht.	Non-Friable	3% Chrysotile Asbestos Detected; 2.5% Chrysotile Asbestos by Point Count
7348-03-10-25 25016076-025 25017959-001	960 LF 80 SF	1	Grey Interior Caulk/ 1st Floor, North Central Dormitory, West Wall, South Area, At Window Frame, 7' Ht.	Non-Friable	3% Chrysotile Asbestos Detected; 0.3% Chrysotile Asbestos by Point Count with Gravimetric Reduction
7348-03-10-36 25016076-036 25017959-002	-	1	Grey Interior Caulk/ 1st Floor, Dining Room, Southwest Corner, 4' Ht.	Non-Friable	2% Chrysotile Asbestos Detected; 0.9% Chrysotile Asbestos by Point Count with Gravimetric Reduction

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos

**TABLE 1 (CONTINUED): CONFIRMED AND ASSUMED ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-26 25016076-026	1600 SF	1	9" x 9" Tan Streaked Floor Tile, Floor Tile/ 1st Floor, North Central Dormitory, Southeast Area, At Southeast Entrance, 0' Ht.	Non-Friable	4% Chrysotile Asbestos Detected
		2	9" x 9" Tan Streaked Floor Tile, Black Mastic/ 1st Floor, North Central Dormitory, Southeast Area, At Southeast Entrance, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-27 25016076-027	-	1	9" x 9" Tan Streaked Floor Tile, Floor Tile/ 1st Floor, North Central Dormitory, Northwest Corner, 0' Ht.	Non-Friable	4% Chrysotile Asbestos Detected
		1	9" x 9" Tan Streaked Floor Tile, Black Mastic/ 1st Floor, North Central Dormitory, Northwest Corner, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-28 25016076-028	5 SF	1	9" x 9" Pink Streaked Floor Tile, Floor Tile/ 1st Floor, North Central Dormitory, Southwest Area, At Southwest Entrance Threshold, 0' Ht.	Non-Friable	4% Chrysotile Asbestos Detected
		2	9" x 9" Pink Streaked Floor Tile, Black Mastic/ 1st Floor, North Central Dormitory, Southwest Area, At SW Entrance Threshold, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-29 25016076-029	-	1	9" x 9" Pink Streaked Floor Tile, Floor Tile/ 1st Floor, North Central Dormitory, Southwest Area, At Southwest Entrance Threshold, 0' Ht.	Non-Friable	4% Chrysotile Asbestos Detected
		1	9" x 9" Pink Streaked Floor Tile, Black Mastic/ 1st Floor, North Central Dormitory, Southwest Area, At Southwest Entrance Threshold, 0' Ht.	Non-Friable	No Asbestos Detected

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos



**TABLE 1 (CONTINUED): CONFIRMED AND ASSUMED ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-30 25016076-030	700 SF	1	9" x 9" Terracotta Streaked Floor Tile, Floor Tile/ 1st Floor, South Central Hallway, Southwest Area, 0' Ht.	Non-Friable	4% Chrysotile Asbestos Detected
		1	9" x 9" Terracotta Streaked Floor Tile, Black Mastic/ 1st Floor, South Central Hallway, Southwest Area, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-31 25016076-031	-	1	9" x 9" Terracotta Streaked Floor Tile, Floor Tile/ 1st Floor, South Central Hallway, South Central Area, At South Wall, 0' Ht.	Non-Friable	4% Chrysotile Asbestos Detected
		1	9" x 9" Terracotta Streaked Floor Tile, Black Mastic/ 1st Floor, South Central Hallway, South Central Area, At South Wall, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-32 25016076-032 25017959-003	20 SF	1	9" x 9" Grey and Green Streaked Floor Tile, Floor Tile/ 1st Floor, Southwest Office, North Central Area, At North Wall, 0' Ht.	Non-Friable	2% Chrysotile Asbestos Detected; 2.2% Chrysotile Asbestos by Point Count with Gravimetric Reduction
		1	9" x 9" Grey and Green Streaked Floor Tile, Black Mastic/ 1st Floor, Southwest Office, North Central Area, At North Wall, 0' Ht.	Non-Friable	No Asbestos Detected

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos

**TABLE 1 (CONTINUED): CONFIRMED AND ASSUMED ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-33 25016076-033 25017959-004	20 SF	1	9" x 9" Grey and Green Streaked Floor Tile, Floor Tile/ 1st Floor, South Central Captain's Office, Restroom, Northeast Corner, On Floor, 0' Ht.	Non-Friable	<b>2% Chrysotile Asbestos Detected; 3.5% Chrysotile Asbestos by Point Count with Gravimetric Reduction</b>
		1	9" x 9" Grey and Green Streaked Floor Tile, Black Mastic/ 1st Floor, South Central Captain's Office, Restroom, Northeast Corner, On Floor, 0' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-34 25016076-034	150 SF	1	9" x 9" Green Streaked Floor Tile, Floor Tile/ 1st Floor, Southwest Office, North Central Area, 0' Ht.	Non-Friable	<b>4% Chrysotile Asbestos Detected</b>
		1	9" x 9" Green Streaked Floor Tile, Black Mastic/ 1st Floor, Southwest Office, North Central Area, 0' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-35 25016076-035	-	1	9" x 9" Green Streaked Floor Tile, Floor Tile/ 1st Floor, Southwest Office, Northeast Corner, 0' Ht.	Non-Friable	<b>4% Chrysotile Asbestos Detected</b>
		1	9" x 9" Green Streaked Floor Tile, Black Mastic/ 1st Floor, Southwest Office, Northeast Corner, 0' Ht.	Non-Friable	<b>No Asbestos Detected</b>

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos

**TABLE 1 (CONTINUED): CONFIRMED AND ASSUMED ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-42 25016076-042 25017959-005	20 SF	1	9" x 9" Brown and Maroon Streaked Floor Tile, Floor Tile/ 1st Floor, South Central Hallway, South Exit Hallway, Southeast Area, 0' Ht.	Non-Friable	2% Chrysotile Asbestos Detected; 0.5% Chrysotile Asbestos by Point Count with Gravimetric Reduction
		1	9" x 9" Brown and Maroon Streaked Floor Tile, Black Mastic/ 1st Floor, South Central Hallway, South Exit Hallway, Southeast Area, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-43 25016076-043 25017959-006	-	1	9" x 9" Brown and Maroon Streaked Floor Tile, Floor Tile/ 1st Floor, Dining Room, Northwest Area, At Exit, 0' Ht.	Non-Friable	2% Chrysotile Asbestos Detected; 1.3% Chrysotile Asbestos by Point Count with Gravimetric Reduction
		1	9" x 9" Brown and Maroon Streaked Floor Tile, Black Mastic/ 1st Floor, Dining Room, Northwest Area, At Exit, 0' Ht.	Non-Friable	No Asbestos Detected

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
 >1% Asbestos  
 >1% Asbestos

**TABLE 1 (CONTINUED): CONFIRMED AND ASSUMED ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-31-11 25021185-011 25021480-001	170 SF	1	Tan Square 1" x 1" Ceramic Floor Tile/ 1st Floor, Locker Room, West Central Bathroom, Northeast Area, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	Tan Grout/ 1st Floor, Locker Room, W. Central Bathroom, NE Area, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		3	Grey Mortar/ 1st Floor, Locker Room, West Central Bathroom, Northeast Area, On Floor, 0' Ht.	Non-Friable	<1% Chrysotile Asbestos Detected; <0.25% Chrysotile Asbestos Detected by Point Count
7348-03-31-12 25021185-012 25021480-002	-	1	Tan Square 1" x 1" Ceramic Floor Tile/ 1st Floor, Locker Room, E. Bathroom, NW Area, 0' Ht.	Non-Friable	No Asbestos Detected
		2	Tan Grout/ 1st Floor, Locker Room, East Bathroom, NW Area, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		3	Grey Mortar/ 1st Floor, Locker Room, East Bathroom, Northwest Area, On Floor, 0' Ht.	Non-Friable	<1% Chrysotile Asbestos Detected; <0.25% Chrysotile Asbestos Detected by Point Count
ASSUMED Not Sampled	30 SF (1)	1	Fire Doors/ Basement, Boiler Room, South Entrance Door	Friable	Assumed to Contain Asbestos

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos

**TABLE 1 (CONTINUED): CONFIRMED AND ASSUMED ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

<b>Helix Sample No. Lab Sample No.</b>	<b>Amount</b>	<b>Layer</b>	<b>Description/Sample Location</b>	<b>Friable or Non-Friable</b>	<b>PLM Result (% Asbestos)</b>
<b>ASSUMED Not Sampled</b>	50 SF (2)	1	Fire Doors/ Basement, East Central Maintenance Room, North Wall, Northwest Area	Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	6 SF (1)	1	White Vibration Isolator Cloth/ Basement, Southwest Room, Southeast Central Area, On Air Handler, 6' Ht.	Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	140 SF	1	Boiler Exhaust Flue Insulation/ Basement, Extending from the Boiler to the Central Tower	Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	6 SF	1	Electrical Insulators in Switch Gear/ Basement, Southwest Room, West Wall, 3' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	3 SF (1)	1	Electrical Insulators in Circuit Breaker/ Basement, Southwest Room, West Wall, South Area, 2' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	2 SF (1)	1	Electrical Insulators in Circuit Breaker/ Basement, Southwest Room, West Wall, Central Area, 3' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	2.5 SF (1)	1	Electrical Insulators in Circuit Breaker/ Basement, East Central Maintenance Room, South Wall, East Central Area, 3' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	1 SF (1)	1	Electrical Insulators in Circuit Breaker/ Basement, Boiler Room, East Wall, South Area, 4' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
 >1% Asbestos  
 >1% Asbestos

**TABLE 1 (CONTINUED): CONFIRMED AND ASSUMED ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
<b>ASSUMED Not Sampled</b>	2 SF (2)	1	Electrical Insulators in Circuit Breakers/ 1st Floor, Throughout	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	2 SF (2)	1	Electrical Insulators in Safety Switches/ Basement, Southwest Room, W. Wall, Central Area, 6' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	2 SF (1)	1	Electrical Insulators in Safety Switch/ Basement, Southwest Room, North Wall, NW Area, 3' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	0.25 SF (1)	1	Electrical Insulators in Safety Switch/ Basement, Southwest Room, Southeast Central Area, On Air Handler, South Side, 3' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	0.5 SF (2)	1	Electrical Insulators in Safety Switches/ Basement, West Central Hallway, East Wall, Central Area, Behind Laundry Machines, 3' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	1 SF (1)	1	Electrical Insulators in Safety Switch/ Exterior, West Side, Central Area, 8' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	1 SF (1)	1	Electrical Insulators in Safety Switch/ Exterior, East Side, South Central Area, 2' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	3 SF (3)	1	Electrical Insulators in Safety Switches/ Exterior, Roof, South Central Area, On East Side of Tower, South Area, 2' Ht.	Non-Friable	<b>Assumed to Contain Asbestos</b>
<b>ASSUMED Not Sampled</b>	8900 SF	1	Bituminous Roofing/ Main Roof on Building	Non-Friable	<b>Category I Nonfriable Asbestos Material</b>

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
 >1% Asbestos  
 >1% Asbestos

**TABLE 2: CONFIRMED NON ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-22 25016076-022	84 SF	1	2' x 2' Ceiling Tile, Directional Fissures and Holes/ 1st Floor, Locker Room, Southeast Bathroom, Southwest Area, On Ceiling, 8.5' Ht.	Friable	<b>No Asbestos Detected</b>
7348-03-10-23 25016076-023	-	1	2' x 2' Ceiling Tile, Directional Fissures and Holes/ 1st Floor, Locker Room, Southwest Central Bathroom, South Central Area, On Ceiling, 8.5' Ht.	Friable	<b>No Asbestos Detected</b>
7348-03-10-20 25016076-020	1044 SF	1	2' x 4' Ceiling Tile, Horizontal Fissures and Holes/ 1st Floor, South Central Captain's Office, West Side, Center, On Ceiling, 8.5' Ht.	Friable	<b>No Asbestos Detected</b>
7348-03-10-21 25016076-021	-	1	2' x 4' Ceiling Tile, Horizontal Fissures and Holes/ 1st Floor, Dining Room, East Side, Center, On Ceiling, 8.5' Ht.	Friable	<b>No Asbestos Detected</b>
7348-03-10-01 25016076-001	360 SF	1	Cream Pipe Sealant/ Basement, Northwest Exercise Room, Northeast Area, On Fiberglass Insulated Pipe, 7' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-02 25016076-002	-	1	Cream Pipe Sealant/ Basement, Southwest Room, West Central Area, On Fiberglass Insulated Pipe, 6.5' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-03 25016076-003	-	1	Cream Pipe Sealant/ Basement, Southeast Room, Northeast Area, On Fiberglass Insulated Pipe, 6.5' Ht.	Non-Friable	<b>No Asbestos Detected</b>

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
 >1% Asbestos  
 >1% Asbestos

**TABLE 2 (CONTINUED): CONFIRMED NON ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-06 25016076-006	360 SF	1	Cream Pipe Sealant/ Basement, Southeast Room, Northwest Central Boiler Room, Southeast Central Area, On Fiberglass Insulated Pipe, 7' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-39 25016076-039	-	1	Cream Pipe Sealant/ 1st Floor, West Vehicle Bay, Northeast Area, On Ceiling Radiator, On Fiberglass Insulated Pipe, 13' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-44 25016076-044	-	1	Cream Pipe Sealant/ 1st Floor, Locker Room, Southwest Central Area, On Fiberglass Insulated Pipe, 7' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-07 25016076-007	400 SF	1	Drywall, Drywall/ Basement, Southeast Central Office, West Wall, Central Area, 4' Ht.	Non-Friable	<b>No Asbestos Detected</b>
		2	Drywall, Joint Compound / Basement, Southeast Central Office, West Wall, Central Area, 4' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-08 25016076-008	-	1	Drywall, Drywall/ Basement, Southeast Central Office, East Wall, Central Area, 4' Ht.	Non-Friable	<b>No Asbestos Detected</b>
		2	Drywall, Joint Compound / Basement, Southeast Central Office, East Wall, Central Area, 4' Ht.	Non-Friable	<b>No Asbestos Detected</b>
7348-03-10-24 25016076-024	3,000 SF	1	Drywall, Drywall/ 1st Floor, Locker Room, Southeast Bathroom, East Wall, South Area, 9' Ht.	Non-Friable	<b>No Asbestos Detected</b>
		2	Drywall, Joint Compound / 1st Floor, Locker Room, Southeast Bathroom, East Wall, South Area, 9' Ht.	Non-Friable	<b>No Asbestos Detected</b>

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos



**TABLE 2 (CONTINUED): CONFIRMED NON ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-31-05 25021185-005	3,000 SF	1	Drywall, Drywall/ 1st Floor, North Central Dormitory, Northwest Central Area, In Sleeping Cubicle, North Wall, Center, 4' Ht.	Non-Friable	No Asbestos Detected
		2	Drywall, Joint Compound/ 1st Floor, North Central Dormitory, Northwest Central Area, In Sleeping Cubicle, North Wall, Center, 4' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-06 25021185-006	-	1	Drywall, Drywall/ 1st Floor, North Central Dormitory, Southeast Central Area, On Outer Southwest Corner of Southeast Sleeping Cubicle, 4' Ht.	Non-Friable	No Asbestos Detected
		2	Drywall, Joint Compound/ 1st Floor, North Central Dormitory, Southeast Central Area, On Outer Southwest Corner of Southeast Sleeping Cubicle, 4' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-13 25016076-013	320 SF	1	Hard Plaster/ Basement, Northwest Exercise Room, Central Area, On Ceiling, 8.5' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-14 25016076-014	-	1	Hard Plaster/ Basement, Northwest Central Boiler Room, Southeast Area, On Ceiling, 8.5' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-15 25016076-015		1	Hard Plaster/ Basement, Northwest Central Boiler Room, Northwest Area, On Ceiling, 8.5' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-40 25016076-040	8,900 SF	1	Hard Plaster/ 1st Floor, West Vehicle Bay, Northwest Area, On Ceiling, 14' Ht.	Non-Friable	No Asbestos Detected

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
 >1% Asbestos  
 >1% Asbestos

**TABLE 2 (CONTINUED): CONFIRMED NON ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-41 25016076-041	8,900 SF	1	Hard Plaster, Hard Plaster / 1st Floor, West Vehicle Bay, Central Area, On Ceiling, At Hole, 14' Ht.	Non-Friable	No Asbestos Detected
		2	Hard Plaster, Skim Coat/ 1st Floor, West Vehicle Bay, Central Area, On Ceiling, At Hole, 14' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-45 25016076-045	-	1	Hard Plaster/ 1st Floor, North Central Dormitory, Southwest Corner, On Ceiling, 8.5' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-47 25016076-047	-	1	Hard Plaster, Hard Plaster / 1st Floor, SE Central Hallway, South Central Area, On Ceiling, 9' Ht.	Non-Friable	No Asbestos Detected
		2	Hard Plaster, Skim Coat/ 1st Floor, Southeast Central Hallway, South Central Area, On Ceiling, 9' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-48 25016076-048	-	1	Hard Plaster, Hard Plaster / 1st Floor, Locker Room, Southwest Corner Area, On Ceiling, 9' Ht.	Non-Friable	No Asbestos Detected
		2	Hard Plaster, Skim Coat/ 1st Floor, Locker Room, Southwest Corner Area, On Ceiling, 9' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-46 25016076-046	130 SF	1	4" Black Cove Base, Cove Base/ 1st Floor, Locker Room, East Central Area, On Lockers, South Side, 0' Ht.	Non-Friable	No Asbestos Detected
		2	4" Black Cove Base, Brown Mastic/ 1st Floor, Locker Room, East Central Area, On Lockers, South Side, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-07 25021185-007	-	1	4" Black Cove Base, Brown Mastic/ 1st Floor, Locker Room, Southeast Corner, Behind Door, 0' Ht.	Non-Friable	No Asbestos Detected
		2	4" Black Cove Base, Brown Mastic/ 1st Floor, Locker Room, Southeast Corner, Behind Door, 0' Ht.	Non-Friable	No Asbestos Detected

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos

**TABLE 2 (CONTINUED): CONFIRMED NON ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-31-04 25021185-004	12 SF	1	4" Dark Brown Cove Base, Cove Base/ 1st Floor, South Central Custodial Closet, North Wall, East Area, 0' Ht.	Non-Friable	No Asbestos Detected
		2	4" Dark Brown Cove Base, Brown Mastic/ 1st Floor, South Central Custodial Closet, North Wall, East Area, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-08 25021185-008		1	4" Dark Brown Cove Base, Cove Base/ 1st Floor, South Central Custodial Closet, North Wall, West Area, 0' Ht.	Non-Friable	No Asbestos Detected
		2	4" Dark Brown Cove Base, Brown Mastic/ 1st Floor, South Central Custodial Closet, North Wall, West Area, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-09 25021185-009	400 SF	1	Tan Ceramic Tile Adhesive/ 1st Floor, Locker Room, South Wall, At Central Restroom, 7' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-10 25021185-010	-	1	Tan Ceramic Tile Adhesive/ 1st Floor, Locker Room, South Wall, At West Restroom, 7' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-01 25021185-001	960 SF	1	Yellow Concrete Block Sealant/ 1st Floor, Central Turn-Out Gear Room, South Wall, Center, 6" Ht.	Non-Friable	No Asbestos Detected
7348-03-31-02 25021185-002	-	1	Yellow Concrete Block Sealant/ 1st Floor, South Central Custodial Closet, West Wall, Center, 6" Ht.	Non-Friable	No Asbestos Detected

**Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL**  
**US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL**  
**OSHA REGULATED ASBESTOS-CONTAINING MATERIAL**

**>1% Asbestos**  
**>1% Asbestos**  
**>1% Asbestos**

**TABLE 2 (CONTINUED): CONFIRMED NON ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-31-03 25021185-003	960 SF	1	Yellow Concrete Block Sealant/ 1st Floor, Central Hallway, Northwest Area, West Wall, ,North Central Area, 6' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-11 25016076-011	170 SF	1	12" x 12" Tan Mottled Floor Tile, Floor Tile/ Basement, Southeast Central Office, Southwest Area, At Entrance, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	12" x 12" Tan Mottled Floor Tile, Tan Mastic/ Basement, Southeast Central Office, Southwest Area, At Entrance, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-12 25016076-012	-	1	12" x 12" Tan Mottled Floor Tile, Floor Tile/ Basement, Southeast Central Office, West Central Area, At Entrance, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	12" x 12" Tan Mottled Floor Tile, Tan Mastic/ Basement, Southeast Central Office, West Central Area, At Entrance, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-49 25016076-049	650 SF	1	12" x 12" Tan Mottled Floor Tile, Floor Tile/ 1st Floor, Locker Room, Southwest Corner, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	12" x 12" Tan Mottled Floor Tile, Yellow Mastic/ 1st Floor, Locker Room, SW Corner, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-50 25016076-050	-	1	12" x 12" Tan Mottled Floor Tile, Floor Tile/ 1st Floor, Locker Room, Southeast Corner, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	12" x 12" Tan Mottled Floor Tile, Yellow Mastic/ 1st Floor, Locker Room, SE Corner, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos

**TABLE 2 (CONTINUED): CONFIRMED NON ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-10-51 25016076-051	15 SF	1	12" x 12" Taupe Mottled Floor Tile, Floor Tile/ 1st Floor, Locker Room, Southeast Area, Under Sinks, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	12" x 12" Taupe Mottled Floor Tile, Yellow Mastic/ 1st Floor, Locker Room, Southeast Area, Under Sinks, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-52 25016076-052	-	1	12" x 12" Taupe Mottled Floor Tile, Floor Tile/ 1st Floor, Locker Room, Southeast Area, Southwest Corner, Under Sinks, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	12" x 12" Taupe Mottled Floor Tile, Yellow Mastic/ 1st Floor, Locker Room, Southeast Area, Southwest Corner, Under Sinks, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-53 25016076-053	230 SF	1	12" x 12" Bronze Mottled Floor Tile, Floor Tile/ 1st Floor, Kitchen, Northwest Area, At Entrance, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	12" x 12" Bronze Mottled Floor Tile, Black Mastic/ 1st Floor, Kitchen, Northwest Area, At Entrance, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
7348-03-10-54 25016076-054	-	1	12" x 12" Bronze Mottled Floor Tile, Floor Tile/ 1st Floor, Kitchen, East Central Area, At Entrance, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected
		2	12" x 12" Bronze Mottled Floor Tile, Black Mastic/ 1st Floor, Kitchen, East Central Area, At Entrance, On Floor, 0' Ht.	Non-Friable	No Asbestos Detected

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
 OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
 >1% Asbestos  
 >1% Asbestos

**TABLE 2 (CONTINUED): CONFIRMED NON ASBESTOS-CONTAINING MATERIALS AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10 AND 31, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Amount	Layer	Description/Sample Location	Friable or Non-Friable	PLM Result (% Asbestos)
7348-03-31-17 25021185-017	30 SF	1	Black Sink Soundproofing/ 1st Floor, Kitchen, Southeast Central Area, Under Sink, East Side, 2' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-18 25021185-018	-	1	Black Sink Soundproofing/ 1st Floor, Kitchen, Southeast Central Area, Under Sink, East Side, 2' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-13 25021185-013	60 SF	1	Grey Exterior Caulk/ Exterior, North Side, At Central Vehicle Bay Entrance, East Side, 4.5' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-14 25021185-014	-	1	Grey Exterior Caulk/ Exterior, South Side, Central Area, At Main Entrance, East Side, 4.5' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-15 25021185-015	80 SF	1	Light Grey Exterior Caulk/ Exterior, West Side, North Central Area, On Window Sill, 4' Ht.	Non-Friable	No Asbestos Detected
7348-03-31-16 25021185-016	-	1	Light Grey Exterior Caulk/ Exterior, East Side, Southeast Corner, On South Window Sill, 2' Ht.	Non-Friable	No Asbestos Detected

Ohio EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
US EPA REGULATED ASBESTOS-CONTAINING BUILDING MATERIAL  
OSHA REGULATED ASBESTOS-CONTAINING MATERIAL

>1% Asbestos  
>1% Asbestos  
>1% Asbestos

## DISCUSSION AND RECOMMENDATIONS

A total of seventy-two (72) total bulk samples of suspect asbestos-containing materials, some containing multiple layers, were collected from the Fire Station 16 Building located at 4111 Kings Highway renovation areas. Samples were collected from all accessible suspect asbestos-containing building materials in the accessible renovation areas with the exception of roofing materials, fire doors, and boilers which were in use and energized electrical insulation materials.

Analytical results confirmed that the following suspect asbestos-containing building materials at Fire Station 16, 4111 Kings Highway in Dayton, Ohio contain or were assumed to contain more than 1% asbestos:

- Grey Interior Caulk, Basement, Throughout, Around Door Frames, Window Frames, and Joints (200 LF, 18 SF)
- 9" x 9" Tan Streaked Floor Tile, 1st Floor, North Central Dormitory and Dining Room, Throughout (1600 SF)
- 9" x 9" Pink Streaked Floor Tile, 1st Floor, North Central Dormitory, Southwest Entrance (5 SF)
- 9" x 9" Terracotta Streaked Floor Tile, 1st Floor, Central Hallway and Rooms, Throughout (700 SF)
- 9" x 9" Grey and Green Streaked Floor Tile, 1st Floor, Captain's Office, Throughout (20 SF)
- 9" x 9" Green Streaked Floor Tile, 1st Floor, Southwest Office and Captain's Office, Throughout (150 SF)
- 9" x 9" Maroon and Red Streaked Floor Tile, 1st Floor, Northeast Dining Room, Northwest Entrance and South Central Hallway, South Entrance (20 SF)
- White Vibration Isolator Cloth, Basement, Southwest Room, Southeast Central Area, On Air Handler (6 SF Total, Not Sampled, Assumed to Contain Asbestos)
- Fire Doors, Basement, Boiler Room Door and North Maintenance Room Exit Doors (80 SF, 3 Not Sampled, Assumed to Contain Asbestos)
- Boiler Exhaust Flue, From the Basement Boiler to the Central Tower, Extending into the Top of the Central Tower Roof, (140 SF Total, Not Sampled, Assumed to Contain Asbestos)
- Electrical Insulators, Throughout, All Electrical Insulators within Switch Gears, Circuit Breakers and Safety Switches (26.25 SF Total, Not Sampled, Assumed to Contain Asbestos)

- Bituminous Roofing, All Roofing on Building (8900 SF Total, Not Sampled, Assumed to Contain Asbestos)

Several materials were reported to contain 2% asbestos by PLM visual area estimation, but were reported to contain less than 1% by PLM 400 Point Count with Gravimetric Reduction analytical methods:

- Grey Interior Caulk, 1st Floor, Throughout (80 SF)
- Ceramic Floor Tile Grout, 1st Floor, Locker Room, In Bathrooms and Showers, All Three Restrooms, Throughout (170 SF Total, Confirmed to Contain Less than 1% Asbestos)

OSHA has interpreted its regulations to require wet methods for the removal of materials containing less than 1% asbestos, with prompt cleanup of debris in leak tight containers. Helix Environmental, Inc. recommends the use of a licensed asbestos abatement company to perform this work since they have the equipment, experience, and knowledge to safely remove materials containing trace amounts of asbestos without creating a potential hazard.

No special asbestos requirements are necessary for their removal and disposal of sampled suspect materials which were found to contain no detectable asbestos.

Current Federal and State regulations require special asbestos abatement procedures prior to building demolition that will disturb confirmed or assumed friable or potentially-friable asbestos-containing materials. Helix Environmental, Inc. recommends that the identified asbestos-containing materials be removed using a licensed asbestos abatement contractor. Helix Environmental, Inc. also strongly recommends that the abatement work be competitively bid using specifications developed by a licensed Asbestos Project Designer to ensure that the regulatory requirements are met by the contractor and that the work is properly documented in the event of future legal action.

Trained workers and supervisors certified by OEPA must be used to remove the identified asbestos-containing building materials using special procedures and protective equipment to ensure that the workers are not overexposed to airborne asbestos. Advance notification may need to be provided to both the Regional Air Pollution Control Agency (RAPCA) and OEPA at least ten working days in advance of the start of abatement on site, depending on the quantity of materials removed. The fact



that asbestos-containing materials were observed in or on the building should be noted on the demolition notification form along with the name and certification number of the inspectors (Mr. Benjamin Froehlich, Ohio Certification Cert. No. ES34739). In addition, approximately 4,000 SF of bituminous roofing materials on the Main Building and 800 SF of bituminous roofing materials on the East Addition were also observed by the inspectors, and were Category I Non-Friable materials. Under current EPA regulations, Category I Non-Friable materials, including bituminous roofing materials, resilient flooring material, and non-friable gaskets, do not need to be removed from buildings prior to their demolition. The quantities of these Category I Non-Friable materials must be noted on the demolition/renovation notification form which must be sent to the Ohio EPA at least 10-working days prior to the start of demolition or asbestos abatement.

Additional suspect asbestos-containing materials may be hidden in uninspected or inaccessible locations, such as pipe chases, duct chases or wall cavities. If any additional suspect materials are encountered in these locations, they should be kept intact and undisturbed until they can be inspected and sampled by a licensed Asbestos Hazard Evaluation Specialist. Helix Environmental, Inc. will also be happy to return to the site if additional suspect materials are encountered during the renovation.

Since the building was built prior to 1978 when lead was banned for interior coatings, it was assumed that all paint present in the renovation area contains detectable levels of lead. Demolition contractors which will disturb assumed lead-containing painted surfaces must comply with the requirements of the OSHA Construction Industry Lead regulations prior to and during any work which may disturb lead-containing coatings. A separate report was submitted to document the results of a Preliminary Lead-Containing Paint inspection in both buildings.

Other potential environmental issues may also be present in the renovation area, including mercury-containing materials, suspect PCB-containing fluorescent light ballasts, and Freon®-containing refrigerants.

Mercury-containing fluorescent light bulbs in the building have sufficient concentrations of mercury to be considered universal hazardous waste. In addition, thermostats in the buildings may contain small amounts of mercury, and one mercury-containing thermostat was observed during inspection. Batteries associated with emergency lighting may also contain mercury, and are considered to be universal

hazardous waste. These universal waste materials should be carefully removed from the building and recycled in accordance with current regulations.

Fluorescent light ballasts were made with PCBs until 1979. Ballasts made after that date are required to be marked with the legend "No PCBs". Given the age of the building, PCB-containing fluorescent light ballasts and other PCB-containing electrical capacitors and transformers may be present in the building, and each ballast, capacitor or transformer should be examined to determine if it is labeled "No PCBs". If necessary, ballasts, capacitors and transformers that are not so labeled should be carefully removed from the building and packaged and labeled for recycling or incineration in accordance with current regulations.

Refrigerated cooling systems in the buildings, including water coolers, window air-conditioners, and refrigerators, typically contain Freon® refrigerants that must be recovered by licensed refrigerant recycler if removed, in accordance with current regulations. No unauthorized venting of Freon® refrigerants to the atmosphere is permitted under current regulations, since these materials deplete the stratospheric ozone layer (Ozone Depleting Substances).

Finally, no significant accumulations of hazardous waste were observed during the building inspection that could require special remediation, although small amounts of maintenance and custodial chemicals including interior paint were observed in or near the renovation area. It was assumed that the remaining maintenance and custodial chemicals present in the renovation area will be relocated for use during normal custodial and maintenance operations. If not, then these materials may need to be labeled, packaged and transported to a licensed hazardous waste Treatment, Storage and Disposal site in compliance with federal and state hazardous waste regulations.

**The results of this inspection can only reflect the condition of the property at the date and time of the site visit within the limits of the proposed work. There are limitations to asbestos inspections without dismantling or destroying the building or its systems. No inspection was performed in inaccessible locations. Recommendations are based on the professional judgment of the inspectors, and the results of the samples collected and analyzed. Helix Environmental, Inc. and its agents are neither responsible nor liable for the non-discovery of any defects in materials, craftsmanship, or other conditions, or any problems that may be discovered or manifest after the site visit date and time. Helix Environmental, Inc. and its agents make no warranty, expressed or implied, and accept no liability for the**

Mr. Curt Sparks, Associate AIA, LEED GA

April 29, 2025

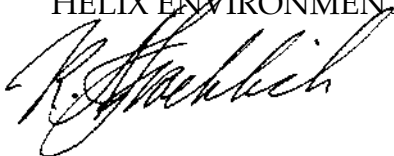
Page 25

**presence absence of asbestos or other hazardous materials in or on building products, materials, or areas. Helix Environmental, Inc. and its agents assume no responsibility for the cost of repairing, replacing, or removing any undiscovered or unreported condition or defect, or any future condition or defect.**

If you have any questions or comments concerning the inspection or analytical results, please call me at (937) 226-0650.

Sincerely,

HELIX ENVIRONMENTAL, INC.

A handwritten signature in black ink, appearing to read "R. Froehlich", written over the company name.

Ralph A. Froehlich, CIH, CSP, QEP

President

Attach.

Mr. Curt Sparks, Associate AIA, LEED GA  
April 29, 2025  
Page 26

#### **ATTACHMENTS**

- **ANALYTICAL RESULTS AND SAMPLE DATA SHEETS**
- **SAMPLE LOCATIONS**
- **PHOTOGRAPHS**



**The Identification Specialists**

Analysis Report  
prepared for  
Helix Environmental Inc

**Report Date: 3/12/2025**

**Project Name: Fire Station 16, 4111 Kings Highway**

**Project #: 7348**

**SanAir ID#: 25016076**



NVLAP LAB CODE 200870-0

10501 Trade Court, North Chesterfield, Virginia 23236  
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | LabReports@SanAir.com | SanAir.com



SanAir ID Number

25016076

FINAL REPORT

3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348

**P.O. Number:**

**Project Name:** Fire Station 16, 4111 Kings Highway

**Collected Date:** 3/10/2025

**Received Date:** 3/11/2025 10:40:00 AM

Dear Benjamin Froehlich,

We at SanAir would like to thank you for the work you recently submitted. The 54 sample(s) were received on Tuesday, March 11, 2025 via UPS. The final report(s) is enclosed for the following sample(s): 7348-03-10-01, 7348-03-10-02, 7348-03-10-03, 7348-03-10-04, 7348-03-10-05, 7348-03-10-06, 7348-03-10-07, 7348-03-10-08, 7348-03-10-09, 7348-03-10-10, 7348-03-10-11, 7348-03-10-12, 7348-03-10-13, 7348-03-10-14, 7348-03-10-15, 7348-03-10-16, 7348-03-10-17, 7348-03-10-18, 7348-03-10-19, 7348-03-10-20, 7348-03-10-21, 7348-03-10-22, 7348-03-10-23, 7348-03-10-24, 7348-03-10-25, 7348-03-10-26, 7348-03-10-27, 7348-03-10-28, 7348-03-10-29, 7348-03-10-30, 7348-03-10-31, 7348-03-10-32, 7348-03-10-33, 7348-03-10-34, 7348-03-10-35, 7348-03-10-36, 7348-03-10-37, 7348-03-10-38, 7348-03-10-39, 7348-03-10-40, 7348-03-10-41, 7348-03-10-42, 7348-03-10-43, 7348-03-10-44, 7348-03-10-45, 7348-03-10-46, 7348-03-10-47, 7348-03-10-48, 7348-03-10-49, 7348-03-10-50, 7348-03-10-51, 7348-03-10-52, 7348-03-10-53, 7348-03-10-54.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 54 samples in Good condition.



SanAir ID Number  
**25016076**  
FINAL REPORT  
3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 4111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-01 / 25016076-001 Basement, NW Exercise Room, NE Corner, On Fiberglass	Various Fibrous Heterogeneous	50% Cellulose 5% Glass	45% Other	None Detected
7348-03-10-02 / 25016076-002 Basement, SW Room, West Central Area, On Fiberglass	Cream Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-03 / 25016076-003 Basement, SE Room, NE Area, On Fiberglass Insulated Pipe	Cream Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-04 / 25016076-004 Basement, SW Central Hose Drainage Closet, SE Doorway, S.	Grey Non-Fibrous Homogeneous		97% Other	3% Chrysotile
7348-03-10-05 / 25016076-005 Basement, NW Exercise Room, SE Entrance, West Side, 1.5' Ht.	Grey Non-Fibrous Homogeneous		97% Other	3% Chrysotile
7348-03-10-06 / 25016076-006 Basement, N West Central Boiler Room, SE Central Area, On	Cream Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-07 / 25016076-007 Basement, SE Central Office, West Wall, Central Area, 4' Ht., Drywall	Various Non-Fibrous Heterogeneous	10% Cellulose	90% Other	None Detected
7348-03-10-07 / 25016076-007 Basement, SE Central Office, West Wall, Central Area, 4' Ht., Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-08 / 25016076-008 Basement, SE Central Office, East Wall, Central Area, 5' Ht., Drywall	Various Non-Fibrous Heterogeneous	10% Cellulose	90% Other	None Detected
7348-03-10-08 / 25016076-008 Basement, SE Central Office, East Wall, Central Area, 5' Ht., Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 3/12/2025

Date: 3/12/2025



SanAir ID Number  
**25016076**  
FINAL REPORT  
3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 4111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-09 / 25016076-009 Basement, SE Central Office, N. Wall, Central Area, 0' Ht., Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-09 / 25016076-009 Basement, SE Central Office, N. Wall, Central Area, 0' Ht., Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-10 / 25016076-010 Basement, SE Central Office, E. Wall, Central Area, 0' Ht., Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-10 / 25016076-010 Basement, SE Central Office, E. Wall, Central Area, 0' Ht., Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-11 / 25016076-011 Basement, SE Central Office, SW Area, In Doorway, 0' Ht., Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-11 / 25016076-011 Basement, SE Central Office, SW Area, In Doorway, 0' Ht., Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-12 / 25016076-012 Basement, SE Central Office, West Wall, S. Central Area, Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-12 / 25016076-012 Basement, SE Central Office, West Wall, S. Central Area, Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-13 / 25016076-013 Basement, NW Exercise Room, Central Area, On Ceiling, 8.5'	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-14 / 25016076-014 Basement, West Central Boiler Room, SE Area, On Ceiling 8.5'	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 3/12/2025

Date: 3/12/2025





SanAir ID Number  
**25016076**  
FINAL REPORT  
3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 4111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-15 / 25016076-015 Basement, NW Central Boiler Room, NW Area, On Ceiling 8.5'	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-16 / 25016076-016 Basement, NW Exercise Room, E. Wall, Central Area, On	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-17 / 25016076-017 Basement, S. West Central Laundry Room, N. Wall, West Area	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-18 / 25016076-018 Basement, NW Central Boiler Rm., SW Area, On Boiler, N. Side	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
7348-03-10-19 / 25016076-019 Basement, NW Central Boiler Rm., SW Area, On Boiler, N. Side	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
7348-03-10-20 / 25016076-020 1st Fl., Captain's Office (S. Central Office), West Side	Tan Fibrous Heterogeneous	40% Cellulose 30% Glass	30% Other	None Detected
7348-03-10-21 / 25016076-021 1st Fl., Dining Room, (Mess Hall), E. Side, Center, 8.5' Ht.	Tan Fibrous Heterogeneous	40% Cellulose 30% Glass	30% Other	None Detected
7348-03-10-22 / 25016076-022 1st Fl., Locker Room, SE. Bathroom, SW Area, On Ceiling	Tan Fibrous Heterogeneous	40% Cellulose 30% Glass	30% Other	None Detected
7348-03-10-23 / 25016076-023 1st Fl., Locker Room, SW Central Bathroom, S. Central Area	Tan Fibrous Heterogeneous	40% Cellulose 30% Glass	30% Other	None Detected
7348-03-10-24 / 25016076-024 1st Fl., Locker Room, SE Bathroom, E. Wall, S. Area, 9' Ht., Drywall	Various Non-Fibrous Heterogeneous	10% Cellulose	90% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 3/12/2025

Date: 3/12/2025



SanAir ID Number

25016076

FINAL REPORT

3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348**P.O. Number:****Project Name:** Fire Station 16, 4111 Kings Highway**Collected Date:** 3/10/2025**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

**Asbestos Bulk PLM EPA 600/R-93/116**

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-24 / 25016076-024 1st Fl., Locker Room, SE Bathroom, E. Wall, S. Area, 9' Ht., Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-25 / 25016076-025 1st Fl., N. Central Dormitory, W. Wall, S. Area, On Window	Grey Non-Fibrous Homogeneous		97% Other	3% Chrysotile
7348-03-10-26 / 25016076-026 1st Fl., N. Central Dormitory, SE Area, At SE Entrance, 0' Floor Tile	Tan Non-Fibrous Homogeneous		96% Other	4% Chrysotile
7348-03-10-26 / 25016076-026 1st Fl., N. Central Dormitory, SE Area, At SE Entrance, 0' Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-27 / 25016076-027 1st Fl, N. Central Dormitory, NW Corner, 0' Ht. 9"x9", Floor Tile	Tan Non-Fibrous Homogeneous		96% Other	4% Chrysotile
7348-03-10-27 / 25016076-027 1st Fl, N. Central Dormitory, NW Corner, 0' Ht. 9"x9", Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-28 / 25016076-028 1st Fl., N. Central Dormitory, SW Area, At SW Entrance, Floor Tile	Pink Non-Fibrous Homogeneous		96% Other	4% Chrysotile
7348-03-10-28 / 25016076-028 1st Fl., N. Central Dormitory, SW Area, At SW Entrance, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-29 / 25016076-029 1st Fl, N. Central Dormitory, SW Area, At SW Entrance 0' Ht., Floor Tile	Pink Non-Fibrous Homogeneous		96% Other	4% Chrysotile
7348-03-10-29 / 25016076-029 1st Fl, N. Central Dormitory, SW Area, At SW Entrance 0' Ht., Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 3/12/2025

Date: 3/12/2025



SanAir ID Number  
**25016076**  
FINAL REPORT  
3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 4111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-30 / 25016076-030 1st Fl, EW Hall At Truck Area Flooring 9"x9" Floor Tile, Floor Tile	Brown Non-Fibrous Homogeneous		96% Other	4% Chrysotile
7348-03-10-30 / 25016076-030 1st Fl, EW Hall At Truck Area Flooring 9"x9" Floor Tile, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-31 / 25016076-031 1st Fl, FW Hold, W Wall By Door 9"x9" Floor Tile, Terracotta, Floor Tile	Brown Non-Fibrous Homogeneous		96% Other	4% Chrysotile
7348-03-10-31 / 25016076-031 1st Fl, FW Hold, W Wall By Door 9"x9" Floor Tile, Terracotta, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-32 / 25016076-032 1st Fl, SW Office, N Center Floor 9"x9" Floor Tile, Streaked, Floor Tile	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
7348-03-10-32 / 25016076-032 1st Fl, SW Office, N Center Floor 9"x9" Floor Tile, Streaked, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-33 / 25016076-033 1st Fl, Captain's Office Toilet, NE Corner Floor 9"x9" Floor, Floor Tile	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
7348-03-10-33 / 25016076-033 1st Fl, Captain's Office Toilet, NE Corner Floor 9"x9" Floor, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-34 / 25016076-034 1st Fl, SW Office, N Center Floor 9"x9" Floor Tile, Streaked, Floor Tile	Green Non-Fibrous Homogeneous		96% Other	4% Chrysotile
7348-03-10-34 / 25016076-034 1st Fl, SW Office, N Center Floor 9"x9" Floor Tile, Streaked, Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 3/12/2025

Date: 3/12/2025



SanAir ID Number  
**25016076**  
FINAL REPORT  
3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 4111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-35 / 25016076-035 1st Fl, SW Office, NE Corner Floor 9"x9" Floor Tile, Floor Tile	Green Non-Fibrous Homogeneous		96% Other	4% Chrysotile
7348-03-10-35 / 25016076-035 1st Fl, SW Office, NE Corner Floor 9"x9" Floor Tile, Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-36 / 25016076-036 1st Fl Dining Room, SW Corner 4' Ht Caulk Interior	Grey Non-Fibrous Heterogeneous		98% Other	2% Chrysotile
7348-03-10-37 / 25016076-037 1st Fl., West Engine Bay, Central Area, On Magna Track	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-38 / 25016076-038 1st Fl., West Engine Bay, West Side, Center, On Magna Track	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-39 / 25016076-039 1st Fl., West Engine Bay, NE Area, On Ceiling Radiator Fan	Cream Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-40 / 25016076-040 1st Fl, Truck Area, NW Corner Ceiling 14' Ht Hard Plaster	Off-White Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-41 / 25016076-041 1st Fl, Truck Area, Center Ceiling By Hole 14' Ht Hard, Plaster	Off-White Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-41 / 25016076-041 1st Fl, Truck Area, Center Ceiling By Hole 14' Ht Hard, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-42 / 25016076-042 1st Fl., S Entrance Area Floor At Door 9"x9" Streaked Floor, Floor Tile	Brown Non-Fibrous Homogeneous		98% Other	2% Chrysotile

Analyst:

Approved Signatory:

Analysis Date: 3/12/2025

Date: 3/12/2025



SanAir ID Number  
**25016076**  
FINAL REPORT  
3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 4111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-42 / 25016076-042 1st Fl., S Entrance Area Floor At Door 9"x9" Streaked Floor, Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-43 / 25016076-043 1st Fl., N Entrance (Dining Area) Floor At Door 9"x9", Floor Tile	Brown Non-Fibrous Homogeneous		98% Other	2% Chrysotile
7348-03-10-43 / 25016076-043 1st Fl., N Entrance (Dining Area) Floor At Door 9"x9", Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-44 / 25016076-044 1st Fl., Locker Room, SW Central Area, On Fiberglass	Cream Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-45 / 25016076-045 1st Fl., N. Central Dormitory, SW Corner, On Ceiling, 8.5'	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-46 / 25016076-046 1st Fl, Locker Room, S Side Of Lockers 4" Cove Base & Mastic, Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-46 / 25016076-046 1st Fl, Locker Room, S Side Of Lockers 4" Cove Base & Mastic, Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-47 / 25016076-047 1st Fl, Locker Room, SW Corner Ceiling 9' Ht Hard Plaster, Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
7348-03-10-47 / 25016076-047 1st Fl, Locker Room, SW Corner Ceiling 9' Ht Hard Plaster, Skim Coat	Cream Non-Fibrous Heterogeneous		100% Other	None Detected
7348-03-10-48 / 25016076-048 1st Fl, EW Hall, E Of Kitchen Door 9' Ht Hard Plaster, Plaster	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 3/12/2025

Date: 3/12/2025



SanAir ID Number  
**25016076**  
FINAL REPORT  
3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 4111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-48 / 25016076-048 1st Fl, EW Hall, E Of Kitchen Door 9' Ht Hard Plaster, Skim Coat	Cream Non-Fibrous Heterogeneous		100% Other	None Detected
7348-03-10-49 / 25016076-049 1st Fl Locker Room, SW Corner Floor 12"x12" Floor Tile, Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-49 / 25016076-049 1st Fl Locker Room, SW Corner Floor 12"x12" Floor Tile, Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-50 / 25016076-050 1st Fl Locker Room, SE Corner Floor 12"x12" Floor Tile, Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-50 / 25016076-050 1st Fl Locker Room, SE Corner Floor 12"x12" Floor Tile, Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-51 / 25016076-051 1st Fl Locker Room SE Area Under Sinks 12"x12" Floor Tile, Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-51 / 25016076-051 1st Fl Locker Room SE Area Under Sinks 12"x12" Floor Tile, Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-52 / 25016076-052 1st Fl, Locker Room, SW Area Under Sinks 12"x12" Floor Tile, Floor Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-52 / 25016076-052 1st Fl, Locker Room, SW Area Under Sinks 12"x12" Floor Tile, Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-53 / 25016076-053 1st Fl, Kitchen, NW Entrance Floor 12"x12" Floor Tile, Floor Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 3/12/2025

Date: 3/12/2025



SanAir ID Number  
**25016076**  
FINAL REPORT  
3/12/2025 12:32:15 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 4111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-53 / 25016076-053 1st Fl, Kitchen, NW Entrance Floor 12"x12" Floor Tile, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-54 / 25016076-054 1st Fl, Kitchen, SE Doorway Floor 12"x12" Floor Tile Mottled, Floor Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-10-54 / 25016076-054 1st Fl, Kitchen, SE Doorway Floor 12"x12" Floor Tile Mottled, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Analysis Date: 3/12/2025

Approved Signatory:

Date: 3/12/2025

**Disclaimer and Additional Information:**  
**Asbestos Bulk PLM EPA 600/R-93/116**

This report is the sole property of the client named on the chain-of-custody (COC) submitted to SanAir Technologies Laboratory, Inc. (SanAir). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced, except in full, without written approval of the laboratory to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including but not limited to posting on the SanAir client portal website, electronic or conventional mail, or by any other means.

The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client on the COC. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition received at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, P.O. number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start-stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted on the report. When the client requires samples to be tested that deviates from a specific method or condition, all reported results may be affected by the deviation. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted.

This report does not constitute nor shall not be used by the client to claim product, process, system, or person certification, approval, or endorsement by NVLAP, NIST, NELAC, AIHA LAP, LLC or any other U.S. governmental agencies; all or some tests contained in this report may not be accredited by every local, state, and federal regulatory agencies. Refer to the SanAir website at [www.sanair.com](http://www.sanair.com) for copies of current certificates and scopes of various accreditations, certifications, and licenses or contact the laboratory for inquiries regarding the status or scope of an accreditation or certification.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. For NY state samples, method EPA 600/M4-82-020 is performed.

**NYELAP Disclaimer:**

Polarized-light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

**Asbestos Accreditations, Certifications, and Licenses**

National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 200870-0  
City of Philadelphia Department of Public Health Air Management Services, Certification#ALL-460  
Commonwealth of Pennsylvania Department of Environmental Protection Number 68-05397  
California State Environmental Laboratory Accreditation Program Certificate Number 2915  
Colorado Department of Public Health and Environment Registration Number AL-23143  
Connecticut Department of Public Health Environmental Laboratory Registration Number PH-0105  
Massachusetts Department of Labor Standards Asbestos Analytical Services License Number: AA000222  
State of Maine Department of Environmental Protection License Number: LB-0075  
New York State Department of Health Laboratory ID: 11983  
State of Rhode Island Department of Health Certification No.: PLM00126  
Texas Department of State Health Services License Number: 300440  
Commonwealth of Virginia Department of Professional and Occupational Regulation Number: 3333000323  
State of Washington Department of Ecology Laboratory ID: C989  
State of West Virginia Bureau for Public Health Analytical Laboratory Number: LT000616  
Vermont Department of Health License Number: Asb-Co-An-000006  
Louisiana Department of Environmental Quality AI Number 212253, LELAP Lab ID #05088



# HELIX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

RUSH - YES OR NO

LABORATORY: 5m Air  
DATE SAMPLED: 3/10/2005  
DATE REQUIRED: 24 HR TAT  
JOB NO./LOCATION: 73481 Dayton, OH  
CLIENT: ARP Architecture  
BUILDING: Fire Station 16, 411 Kings Highway  
INSPECTOR: Ben Froehlich  
JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED:

Asbestos PLM

HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-10-01	360 SF	Basement, NW Exercise Room, NE Corner, on Fiberglas insulated pipe, 7 ft.	cream tan pipe insulation sealant	N	F	stem pipe
7348-03-10-02	—	Basement, 3rd Row, West Central Area, on Fiberglas insulated pipe, 6.5 ft.	cream tan pipe insulation sealant	N	F	cold water
7348-03-10-03	—	Basement, SE Room, NE Area, on Fiberglas insulated pipe, 6.5 ft.	cream tan pipe insulation sealant	N	F	
7348-03-10-04	200 LF	Basement, SW Central Hose Damage closet, SE Corner, S. side, 3 ft.	gray doorway caulk	N	F	(5 x 20 LF) x 2 = 200
7348-03-10-05	—	Basement, NW Exercise Room, SE entrance, west side, 1.5 ft.	gray doorway caulk	N	F	
7348-03-10-06	—	Basement, West Central Corridor Room, SE Central Area, on Fiberglas insulated pipe, 7 ft.	cream tan pipe insulation sealant	N	F	stem pipe
7348-03-10-07	400 SF	Basement, SE Central Office, West wall, Central Area, 4 ft.	original and joint compound	N	F	some drywall also - no J.C.
7348-03-10-08	—	Basement, SE Central Office, East wall, Central Area, 5 ft.	original and joint compound	N	F	
7348-03-10-09	24 LF	Basement, SE Central Office, N. wall, Central Area, 0 ft.	4" dark brown core base	N	F	
7348-03-10-10	8 SF	Basement, SE Central Office, E. wall, Central Area, 0 ft.	4" dark brown core base	N	F	
7348-03-10-11	170 SF	Basement, SE Central Office, SW Area, in Corridor, 0 ft.	12" x 12" tan modified floor tile and tan base	N	G	
7348-03-10-12	—	Basement, SE Central Office, West wall, Central Area, 0 ft.	12" x 12" tan modified floor tile and tan base	N	G	

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by: <u>Ben Froehlich</u>	Company: <u>Helix Env, Inc.</u>	Date/Time: <u>3/10/2005 18:00</u>	REC'D 3	Received by:	Company:	Date/Time:
REC'D 2	Received by:	Company:	Date/Time: <u>3/11/2005 10:49 AM</u>	REC'D 4	Received by:	Company:	Date/Time:

25016076

# HELIX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

LABORATORY: Sam Air  
DATE SAMPLED: 3/10/2005  
DATE REQUIRED: 24 Hr TAT  
JOB NO./LOCATION: 73481 Dayton, OH  
CLIENT: App Architecture  
BUILDING: Fire Station 16, 411 Kings Highway  
INSPECTOR: Sam Trachild  
JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PLM

HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-10-13	320 SF	Basement, NW Exercise Room, central hallway on 4th floor	Hard wood	N	F	
7348-03-10-14	-	Basement, NW central boiler room, NW hallway on 4th floor	Hard wood	N	F	
7348-03-10-15	-	Basement, NW central boiler room, NW hallway on 4th floor	Hard wood	N	F	
7348-03-10-16	25 SF	Basement, NW Exercise Room, E. wall, 4th floor	Fire protection cable	N	F	
7348-03-10-17	-	Basement, NW central boiler room, NW hallway on 4th floor	Fire penetration cable	N	F	
7348-03-10-18	60 SF	Basement, NW central boiler room, NW hallway on 4th floor	Fire penetration cable	N	F	
7348-03-10-19	-	Basement, NW central boiler room, NW hallway on 4th floor	Fire penetration cable	N	F	
7348-03-10-20	1044 SF	Basement, NW central boiler room, NW hallway on 4th floor	Fire penetration cable	N	F	
7348-03-10-21	-	Basement, NW central boiler room, NW hallway on 4th floor	Fire penetration cable	N	F	
7348-03-10-22	64 SF	Basement, NW central boiler room, NW hallway on 4th floor	Fire penetration cable	N	F	
7348-03-10-23	-	Basement, NW central boiler room, NW hallway on 4th floor	Fire penetration cable	N	F	
7348-03-10-24	-	Basement, NW central boiler room, NW hallway on 4th floor	Fire penetration cable	N	F	

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by: <u>Sam Trachild</u>	Company: <u>Helix Env, Inc.</u>	Date/Time: <u>3/10/2005</u>
REC'D 2	Received by: <u>AC</u>	Company: <u>Helix Env, Inc.</u>	Date/Time: <u>3/11/2005</u>
REC'D 3	Received by: _____	Company: _____	Date/Time: _____
REC'D 4	Received by: _____	Company: _____	Date/Time: _____



# HELIX

## ENVIRONMENTAL, INC.

7 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
 (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com  
 Phone:

RUSH - YES OR NO ☒

LABORATORY: San Air  
 DATE SAMPLED: 3/10/2005  
 DATE REQUIRED: 24 Hr TAT  
 JOB NO./LOCATION: 7348 Dayton, OH  
 CLIENT: App Architect  
 BUILDING: Fire Station 16, 4<sup>th</sup>  
 INSPECTOR: B Fraetke 111 Kings Highway  
 JOB NUMBER: 7348

### BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PLM

HEIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-10-25		1st Fl, N. Central Dormitory, wall, 5' above doorway.	Window Sash (long)	N	F	
7348-03-10-26	5 SF	1st Fl, N. Central Dormitory, SE Area, At Entrance, NW corner of SE 1	9' x 9' 1/2" Stamped Floor tile, black	N	F	42 x 20
7348-03-10-27	5 SF	1st Fl, N. Central Dormitory, SW Area, At SW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	4' floor leveler
7348-03-10-28	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	
7348-03-10-29	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	
7348-03-10-30	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	
7348-03-10-31	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	
7348-03-10-32	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	
7348-03-10-33	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	
7348-03-10-34	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	
7348-03-10-35	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	
7348-03-10-36	400 SF	1st Fl, SW HALL of Gravel Area, Down entrance, NW corner of NW 1/2 hold, 0' 3/4	9' x 9' 1/2" Stamped Floor tile, black	N	P	

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by: <u>Paula</u>	Company: <u>Helix Env, Inc</u>	Date/Time: <u>3/10/2005 1:00</u>	REC'D 3	Received by:	Company:	Date/Time:
REC'D 2	Received by: <u>MC</u>	Company:	Date/Time: <u>3/11/2005 10:00 AM</u>	REC'D 4	Received by:	Company:	Date/Time:



LABORATORY: 5m, A1  
DATE SAMPLED: 3/1/17  
DATE REQUIRED: 2/10/2025  
NO./LOCATION: HR TMT  
CLIENT: 73481 Dayton, OH  
BUILDING: App Architecture  
INSPECTOR: Firestone 6, 4111 Kings Highway  
JOB NUMBER: 73481 official

Suite 160 • Dayton, Ohio 45417-3445  
1 Elizabeth Place • Fax: (937) 226-0653 Email: helix@helixrv.com  
Phone: (937) 226-0

**SHEET**

### **BULK SAMPLE DATA**

ANALYSES REQUESTED: Asbestos PCM

HELIUM SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	PROBABLE NON	CONDITION	COMMENTS
7348-03-10-37	50 SF	1st Fl West Engine Bay, Catal from Tank Fuel tank	grey 2w + 5 in	N	G	
7348-03-10-38	—	1st Fl West Engine Bay West side, center on 1st Fl West Engine Bay NE area on underwing fuel tank	grey 0 w + 2 in	N	G	
7348-03-10-39	51 SF	1st Fl Truc K area, NW corner	Insulation	N	F	
7348-03-10-40	51 SF	1st Fl Truc K area, NW corner	Hard Plaster	N	G	Unit + 1st/2nd
7348-03-10-41	—	1st Fl Truc K area, center	Hard Plaster	N	F	↑
7348-03-10-42	20 SF	1st Fl Truc K area, center	9" x 9" Gypsum Masonry Shaped Floor tile, brush	N	F	
7348-03-10-43	—	1st Fl, N Entrance (air ining area)	9" x 9" Gypsum Masonry Shaped Floor tile, brush	N	F	
7348-03-10-44	—	1st Fl, N Entrance (air ining area)	9" x 9" Gypsum Masonry Shaped Floor tile, brush	N	G	
7348-03-10-45	—	1st Fl, N Entrance (air ining area)	9" x 9" Gypsum Masonry Shaped Floor tile, brush	N	F	
7348-03-10-46	—	1st Fl, N Entrance (air ining area)	9" x 9" Gypsum Masonry Shaped Floor tile, brush	N	F	
7348-03-10-47	—	1st Fl, N Entrance (air ining area)	9" x 9" Gypsum Masonry Shaped Floor tile, brush	N	F	
7348-03-10-48	—	1st Fl, N Entrance (air ining area)	9" x 9" Gypsum Masonry Shaped Floor tile, brush	N	F	

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Rel produced by	Company	Date/Time	REC'D 3	Rel produced by	Company	Date/Time
REC'D 2	Rel produced by	Company	Date/Time	REC'D 4	Rel produced by	Company	Date/Time



1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

RUSH - YES OR ☒ NO

LABORATORY: 5m Air  
DATE SAMPLED: 3/10/2005  
DATE REQUIRED: 24 HR TBT  
JOB NO./LOCATION: 7348 Dayton, OH  
CLIENT: APP Architecture  
BUILDING: Fire Station 16, 411 Kings Highway  
INSPECTOR: RT Goodrich  
JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PLM

HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-10-41		1st Flr Locker Room, S W Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-50		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-51		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-52		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-53		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-54		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-55		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-56		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-57		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-58		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-59		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-60		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-61		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-62		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-63		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-64		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-65		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-66		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-67		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-68		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-69		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H
7348-03-10-70		1st Flr Locker Room, S E Corner	2" x 12" Floor Tile	N	F	H

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by:	Company:	Date/Time:	REC'D 3	Received by:	Company:	Date/Time:
REC'D 2	Received by:	Company:	Date/Time:	REC'D 4	Received by:	Company:	Date/Time:



**The Identification Specialists**

Analysis Report  
prepared for  
Helix Environmental Inc

**Report Date: 3/14/2025**

**Project Name: Fire Station 16, 8111 Kings Highway**

**Project #: 7348**

**SanAir ID#: 25016863**



NVLAP LAB CODE 200870-0

10501 Trade Court, North Chesterfield, Virginia 23236  
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | LabReports@SanAir.com | SanAir.com



SanAir ID Number

25016863

FINAL REPORT

3/14/2025 4:54:16 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348

**P.O. Number:**

**Project Name:** Fire Station 16, 8111 Kings Highway

**Collected Date:** 3/10/2025

**Received Date:** 3/14/2025 8:00:00 AM

Dear Benjamin Froehlich,

We at SanAir would like to thank you for the work you recently submitted. The 2 sample(s) were received on Friday, March 14, 2025 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 7348-03-10-04, 7348-03-10-05.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino". The signature is fluid and cursive, with the first name "Sandra" being more prominent than the last name "Sobrino".

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 2 samples in Good condition.



SanAir ID Number  
**25016863**  
FINAL REPORT  
3/14/2025 4:54:16 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 8111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/14/2025 8:00:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-10-04 / 25016863-001 Basement, SW Central Hose Drainage Closet, SE Doorway, S.	Grey Non-Fibrous Heterogeneous		98% Other	2% Chrysotile
7348-03-10-05 / 25016863-002 Basement, NW Exercise Room, SE Entrance, West Side, 1.5' Ht. EPA 400 Point Count with Gravimetric Reduction.	Grey Non-Fibrous Heterogeneous		97.5% Other	2.5% Chrysotile

Analyst:

Approved Signatory:

Analysis Date: 3/14/2025

Date: 3/14/2025



**Disclaimer and Additional Information:**  
**400 Point Count Method EPA 600/R-93/116**

EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of  
Asbestos in Bulk Insulation Samples

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

This report is the sole property of the client named on the chain-of-custody (COC) submitted to SanAir Technologies Laboratory, Inc. (SanAir). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced, except in full, without written approval of the laboratory to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including but not limited to posting on the SanAir client portal website, electronic or conventional mail, or by any other means.

The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, P.O. number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start - stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted. When the client requires samples to be tested that deviates from a specific method or condition, all reported results may be affected by the deviation. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. The limit of detection is 0.25%. Samples are held for a period of 60 days.

This report does not constitute and shall not be used to claim product, process, system, or person certification, approval, or endorsement by NVLAP, NIST, NELAC, AIHA LAP, LLC or any other U.S. governmental agencies; all or some tests contained in this report may not be accredited by every local, state, and federal regulatory agency. Refer to the SanAir website at [www.sanair.com](http://www.sanair.com) for copies of current certificates and scopes of various accreditations, certifications, and licenses or contact the laboratory for inquiries regarding the status or scope of an accreditation or certification.

**Asbestos Accreditations, Certifications, and Licenses**

National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 200870-0  
City of Philadelphia Department of Public Health Air Management Services, Certification#ALL-460  
Commonwealth of Pennsylvania Department of Environmental Protection Number 68-05397  
California State Environmental Laboratory Accreditation Program Certificate Number 2915  
Colorado Department of Public Health and Environment Registration Number AL-23143  
Connecticut Department of Public Health Environmental Laboratory Registration Number PH-0105  
Massachusetts Department of Labor Standards Asbestos Analytical Services License Number: AA000222  
State of Maine Department of Environmental Protection License Number: LB-0075  
New York State Department of Health Laboratory ID: 11983  
State of Rhode Island Department of Health Certification No.: PLM00126  
Texas Department of State Health Services License Number: 300440  
Commonwealth of Virginia Department of Professional and Occupational Regulation Number: 3333000323  
State of Washington Department of Ecology Laboratory ID: C989  
State of West Virginia Bureau for Public Health Analytical Laboratory Number: LT000616  
Vermont Department of Health License Number: Asb-Co-An-000006  
Louisiana Department of Environmental Quality AI Number 212253, LELAP Lab ID #05088



**Fw: Analysis Report for Job 25016076 is complete.**

**From** Maria E. Coker <mcoker@sanair.com>

**Date** Fri 3/14/2025 9:09 AM

**To** Maria E. Coker <mcoker@sanair.com>

**From:** Benjamin Froehlich <bfroehlich@helixenv.com>

**Sent:** Thursday, March 13, 2025 5:00 PM

**To:** Lab Reports <labreports@sanair.com>

**Subject:** Re: Analysis Report for Job 25016076 is complete.

EXTERNAL EMAIL: DO NOT CLICK on links or attachments unless you recognize the sender and know the content is safe.

Hello,

May I please have 48-hour turn-around point counts on the following samples?

7348-03-10-04 (25016076-004)

7348-03-10-05 (25016076-005)

7348-03-10-25 (25016076-025)

7348-03-10-32 (25016076-032), floor tile only

7348-03-10-33 (25016076-033), floor tile only

7348-03-10-36 (25016076-036)

7348-03-10-42 (25016076-042), floor tile only

7348-03-10-43 (25016076-043), floor tile only

Thanks,

Ben Froehlich

Helix Environmental, Inc,

(937) 226-0650

> On Mar 12, 2025, at 12:32 PM, SanAir Technologies Laboratory <labreports@sanair.com> wrote:

>

> <25016076\_Fire Station 16, 4111 Kings Highway\_2025312123215.pdf>

4C

3/14/25

# HELIX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

LABORATORY: Sma Air  
DATE SAMPLED: 3/10/2005  
DATE REQUIRED: 24 Hr. TAT

JOB NO./LOCATION: 73401 Dayton, OH

CLIENT: Apex Healthcare

BUILDING: Fire Station 16, 4111 Kings Highway

INSPECTOR: Don Freebly

JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PLM

HEAT SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	RISEABLE/ NON	CONDITION	COMMENTS
7348-03-10-01	360 SF	Basement, NW Express Room, NE Corner, on hydrogen insulated pipe,	cren/fin pipe insulation sealant	N	F	water pipe
7348-03-10-02	—	Basement, SW Room, west central area, on insulated pipe,	cren/fin pipe insulation sealant	N	F	cold water
7348-03-10-03	—	Basement, SE Room, NE Area, on hydrogen insulated pipe,	cren/fin pipe insulation sealant	N	F	
7348-03-10-04	280 LF	Basement, SW central hose drainage chutes, on gasway, S. side,	grey covering caulk	N	F	(5 x 20 LF) x 2 100 - 2 = 200
7348-03-10-05	—	Basement, NW Express Room, SE corner, west side,	grey covering caulk	N	F	
7348-03-10-06	—	Basement, NW Express Room, SE central area, on hydrogen insulated pipe,	cren/fin pipe insulation sealant	N	F	steam pipe
7348-03-10-07	460 SF	Basement, SE central office, NW wall, central area, on hydrogen insulated pipe,	original and joint sealant	N	F	some original also - no Jcs ~ 20 ft
7348-03-10-08	—	Basement, SE central office, East wall, central area, on hydrogen insulated pipe,	original and joint sealant	N	F	
7348-03-10-09	24 LF 8 SF	Basement, SE central office, N. wall, central area, on hydrogen insulated pipe,	4" x 6" brown core base caulk, Tan Mastik	N	F	
7348-03-10-10	—	Basement, SE central office, E. wall, central area, on hydrogen insulated pipe,	4" x 6" brown core base caulk, Tan Mastik	N	F	
7348-03-10-11	170 SF	Basement, SE central office, SW corner, on hydrogen insulated pipe,	12" x 12" Tan Mastik floor tile and Tan Mastik	N	G	
7348-03-10-12	—	Basement, SE central office, west wing, on hydrogen insulated pipe,	12" x 12" Tan Mastik floor tile and Tan Mastik	N	G	

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE SIGN AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Helix Env, Inc.	3/10/25	1800	REC'D 3	Helix Env, Inc.	3/11/25	10:45 AM	REC'D 4	Helix Env, Inc.	3/11/25	10:45 AM
REC'D 2	Helix Env, Inc.	3/11/25	10:45 AM	REC'D 5	Helix Env, Inc.	3/11/25	10:45 AM	REC'D 6	Helix Env, Inc.	3/11/25	10:45 AM

# HELIX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

LABORATORY: Sen Air  
DATE SAMPLED: 3/10/2005  
DATE REQUIRED: 24 Hr. TAT  
JOB NO./LOCATION: 73481 Dayton, OH  
CLIENT: App Architecture  
BUILDING: Fire Station 16, 411 Kings Highway  
INSPECTOR: Ben Trachild  
JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PCM

HEX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-10-13	320 SF	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-14	-	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-15	-	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-16	25 SF	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-17	-	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-18	60 SF	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-19	-	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-20	1044 SF	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-21	-	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-22	64 SF	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-23	-	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	
7348-03-10-24	-	Basement NW corner above central area on 8.5 ft	Hard Veneer	N	F	

THIS IS A COPY OF CUSTOMER DOCUMENT. PLEASE COME FOR SET AND DATE OF CASE REVIEW ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by: <u>Ben Trachild</u>	Company: <u>Helix Env, Inc.</u>	Date/Time: <u>3/10/05 10:00</u>	REC'D 3	Received by:	Company:	Date/Time:
REC'D 2	Received by: <u>AC</u>	Company:	Date/Time: <u>3/10/05 10:00</u>	REC'D 4	Received by:	Company:	Date/Time:

25016076 PLM

# HELIX

## ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

### BULK SAMPLE DATA SHEET

ANALYSES REQUESTED:

A-bests p m

LABORATORY: San Air  
DATE SAMPLED: 3/10/2025  
DATE REQUIRED: 24 Hr TRT  
JOB NO./LOCATION: 7348 Dayton, OH  
CLIENT: APP Architecture  
BUILDING: Fire Station 44, 411 Kings Highway  
INSPECTOR: B Fraetlich  
JOB NUMBER: 7348

RUSH - YES OR NO ☒

HELM SAMPLE TO NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	BRAND / NON	CONCRETE	COMMENTS
7348-03-10-25		N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	
7348-03-10-26	5 FT	1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	A 42 x 20
7348-03-10-27		1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	A
7348-03-10-28	5 FT	1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	B 4 ft. floor
7348-03-10-29		1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	B
7348-03-10-30	450	1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	C
7348-03-10-31	5 FT	1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	C
7348-03-10-32	105	1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	C
7348-03-10-33		1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	C
7348-03-10-34		1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	C
7348-03-10-35		1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	C
7348-03-10-36		1st fl. N. Central Dormitory, wall, 5 ft. on m. wall, 1st fl.	Window (wall) (concrete)	N	F	C

RECD 1: Helix Env. Inc. Date/Time: 3/10/25 15:00 REC'D 1: Helix Env. Inc. Date/Time: 3/10/25 15:00

RECD 2: Helix Env. Inc. Date/Time: 3/10/25 15:00 REC'D 2: Helix Env. Inc. Date/Time: 3/10/25 15:00

# HELIXXXX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

LABORATORY: 5m Air  
DATE SAMPLED: 3/10/2005  
DATE REQUIRED: 24 HR  
JOB NO./LOCATION: 7348 Dayton, OH  
CLIENT: App Architecture  
BUILDING: Fire Station 16, 411 Kings Highway  
INSPECTOR: Joe M. H. H.  
JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED:

A-bestos PLM

TELEPHONE NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE / NON	CONDITION	COMMENTS
7348-03-10-37	50 SF	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-38	—	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-39	5F	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-40	5	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-41	100 SF	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-42	70 SF	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-43	—	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-44	—	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-45	—	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-46	—	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-47	—	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	
7348-03-10-48	—	West Ligne 6, Central Prison Bldg. 1st Fl. (North)	grey dust salt	N	G	

THIS IS A CHAIN OF CUSTODY DOCUMENT.

PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL.

TO: HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by: <u>Helix Env</u>	Company: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>
REC'D 2	Received by: <u>Helix Env</u>	Company: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>	Checked by: <u>Helix Env</u>

# HELIXXXX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

RUSH - YES OR ☒ NO

LABORATORY: Env Air  
DATE SAMPLED: 3/10/2025  
DATE REQUIRED: 24 HR TAT  
JOB NO./LOCATION: 7348 Dayton, OH  
CLIENT: Apex Architectural  
BUILDING: Fire Station 16, 411 Kings Highway  
INSPECTOR: AP Prochaska  
JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PLM

HEIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-10-41	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	F	#
7348-03-10-50	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	F	H Asst
7348-03-10-51	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	F	J Black Mastic
7348-03-10-52	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	V Black Mastic
7348-03-10-53	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	I Black Mastic
7348-03-10-54	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	I Black Mastic
7348-03-10-55	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	I Black Mastic
7348-03-10-56	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	I Black Mastic
7348-03-10-57	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	I Black Mastic
7348-03-10-58	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	I Black Mastic
7348-03-10-59	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	I Black Mastic
7348-03-10-60	15 SF	Locker Room, Sullivan	12" x 12" Floor Tile	N	G	I Black Mastic

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by: <u>AP Prochaska</u>	Company: <u>Helix Environmental, Inc.</u>	REC'D 2	Received by: <u>AP Prochaska</u>	Company: <u>Helix Environmental, Inc.</u>
REC'D 3	Received by: <u>AP Prochaska</u>	Company: <u>Helix Environmental, Inc.</u>	REC'D 4	Received by: <u>AP Prochaska</u>	Company: <u>Helix Environmental, Inc.</u>
Date/Time: <u>3/10/2025 10:30 AM</u>	Date/Time: <u>3/10/2025 10:30 AM</u>	Date/Time: <u>3/10/2025 10:30 AM</u>	Date/Time: <u>3/10/2025 10:30 AM</u>	Date/Time: <u>3/10/2025 10:30 AM</u>	Date/Time: <u>3/10/2025 10:30 AM</u>



**The Identification Specialists**

Analysis Report  
prepared for  
Helix Environmental Inc

**Report Date: 3/20/2025**

**Project Name: Fire Station 16, 8111 Kings Highway**

**Project #: 7348**

**SanAir ID#: 25017959**



NVLAP LAB CODE 200870-0

10501 Trade Court, North Chesterfield, Virginia 23236  
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | LabReports@SanAir.com | SanAir.com





SanAir ID Number

25017959

FINAL REPORT

3/20/2025 4:49:22 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348

**P.O. Number:**

**Project Name:** Fire Station 16, 8111 Kings Highway

**Collected Date:** 3/10/2025

**Received Date:** 3/19/2025 9:55:00 AM

Dear Benjamin Froehlich,

We at SanAir would like to thank you for the work you recently submitted. The 6 sample(s) were received on Wednesday, March 19, 2025 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 7348-03-10-25, 7348-03-10-36, 7348-03-10-32, 7348-03-10-33, 7348-03-10-42, 7348-03-10-43.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino". The signature is written in a cursive, flowing style.

Sandra Sobrino  
Asbestos & Materials Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 6 samples in Good condition.



SanAir ID Number  
**25017959**  
FINAL REPORT  
3/20/2025 4:49:22 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16, 8111 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/19/2025 9:55:00 AM

Analyst: Mayes, Jean

### Asbestos Bulk EPA PLM NOB EPA 600/R-93/116

SanAir ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
25017959-001 / 7348-03-10-25 1st Fl., N. Central Dormitory, W. Wall, S. Area, On Window	Grey Non-Fibrous Homogeneous		99.7 %	Chrysotile	0.3 %
25017959-002 / 7348-03-10-36 1st Fl Dining Room, SW Corner 4' Ht Caulk Interior	Grey Non-Fibrous Heterogeneous		99.1 %	Chrysotile	0.9 %
25017959-003 / 7348-03-10-32 1st Fl, SW Office, N Center Floor 9"x9", Floor Tile	Grey Non-Fibrous Homogeneous		97.8 %	Chrysotile	2.2 %
25017959-004 / 7348-03-10-33 1st Fl, Center Office Toilet, NE Corner Floor, Floor Tile	Grey Non-Fibrous Homogeneous		96.5 %	Chrysotile	3.5 %
25017959-005 / 7348-03-10-42 1st Fl, S Entrance Area Floor At Door 9"x9", Floor Tile	Brown Non-Fibrous Homogeneous		99.5 %	Chrysotile	0.5 %
25017959-006 / 7348-03-10-43 1st Fl., N Entrance (Dining Area) Floor At Door, Floor Tile EPA 400 Point Count with Gravimetric Reduction.	Brown Non-Fibrous Homogeneous		98.7 %	Chrysotile	1.3 %

Analyst:

Approved Signatory:

Analysis Date: 3/20/2025

Date: 3/20/2025

**Disclaimer and Additional Information:**  
**Method for the Determination of Asbestos in Bulk Building Materials**  
**EPA 600/R-93/116, July 1993 PLM EPA NOB**

This report is the sole property of the client on the chain-of-custody (COC) submitted to SanAir Technologies Laboratory, Inc. (SanAir). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to maintain client confidentiality. The final report shall not be reproduced, except in full, without written authorization of the laboratory to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including but not limited to posting on the SanAir client portal website, electronic or conventional mail, or by any other means.

The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client on the COC. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, P.O. number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start - stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted. When client requires samples to be tested that deviates from a specific method or condition, all reported results may be affected by the deviation. Where noted on the chain of custody, 400 point count with gravimetric reduction was employed with this analysis. Limit of detection is 0.25%. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted.

This report does not constitute and shall not be used to claim product, process, system, or person certification, approval, or endorsement by NVLAP, NIST, NELAC, AIHA LAP, LLC or any other U.S. governmental agencies; all or some tests contained in this report may not be certified or accredited by every local, state, and federal regulatory agency. Refer to the SanAir website at [www.sanair.com](http://www.sanair.com) for copies of current certificates and scopes of various accreditations, certifications, and licenses or contact the laboratory for inquiries regarding the status or scope of an accreditation or certification.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

25017959



Outlook

---

**Fw: Analysis Report for Job 25016076 is complete.**

---

**From** Maria E. Coker <mcoker@sanair.com>

**Date** Wed 3/19/2025 10:13 AM

**To** Maria E. Coker <mcoker@sanair.com>

**From:** Benjamin Froehlich <bfroehlich@helixenv.com>

**Sent:** Wednesday, March 19, 2025 9:55 AM

**To:** Lab Reports <labreports@sanair.com>

**Subject:** Re: Analysis Report for Job 25016076 is complete.

EXTERNAL EMAIL: DO NOT CLICK on links or attachments unless you recognize the sender and know the content is safe.

Yes,

Please analyze the samples for PLM EPA NOB for 48 hour turn around.

Thanks,

Ben Froehlich

Helix Environmental, Inc.

(937) 226-0650

> On Mar 12, 2025, at 12:32 PM, SanAir Technologies Laboratory <labreports@sanair.com> wrote:

>

> <25016076\_FireStation 16, 4111 Kings Highway\_2025312123215.pdf>

MC

3/19/25

Page 5 of 11  
9547



Outlook

---

**Fw: Analysis Report for Job 25016076 is complete.**

---

**From** Maria E. Coker <mcoker@sanair.com>

**Date** Fri 3/14/2025 9:09 AM

**To** Maria E. Coker <mcoker@sanair.com>

**From:** Benjamin Froehlich <bfroehlich@helixenv.com>

**Sent:** Thursday, March 13, 2025 5:00 PM

**To:** Lab Reports <labreports@sanair.com>

**Subject:** Re: Analysis Report for Job 25016076 is complete.

EXTERNAL EMAIL: DO NOT CLICK on links or attachments unless you recognize the sender and know the content is safe.

Hello,

May I please have 48-hour turn-around point counts on the following samples?

7348-03-10-04 (25016076-004)

7348-03-10-05 (25016076-005)

7348-03-10-25 (25016076-025)

7348-03-10-32 (25016076-032), floor tile only

7348-03-10-33 (25016076-033), floor tile only

7348-03-10-36 (25016076-036)

7348-03-10-42 (25016076-042), floor tile only

7348-03-10-43 (25016076-043), floor tile only

Thanks,

Ben Froehlich

Helix Environmental, Inc,

(937) 226-0650

> On Mar 12, 2025, at 12:32 PM, SanAir Technologies Laboratory <labreports@sanair.com> wrote:

>

> <25016076\_Fire Station 16, 4111 Kings Highway\_2025312123215.pdf>

ML

3/19/25

25017959 NOB  
25016076 PLM



1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

LABORATORY: San Air  
DATE SAMPLED: 3/10/2015  
DATE REQUIRED: 74 HR TAT  
JOB NO./LOCATION: 7348 Dayton, OH  
CLIENT: App Architecture  
BUILDING: Fire Station 16, 911 Kings Highway  
INSPECTOR: Don Froehlich  
JOB NUMBER: 7348

RUSH - YES OR NO

BULK SAMPLE DATA SHEET				ANALYSES REQUESTED: Asbestos PLM		
HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRABLE/ NON	CONDITION	COMMENTS
7348-03-10-01	360 SF	Basement, NW Exposure Room, NE Corner, on Polyurethane Insulated Pipe, 7 ft	cream tan pipe insulation	N	F	steam pipe
7348-03-10-02	-	Basement, SW Room, west central area, on Fiberglass Insulated Pipe, 6.5 ft	cream tan pipe insulation sealant	N	F	cold water
7348-03-10-03	-	Basement, SE Room, NE Area, on Fiberglass Insulated Pipe, 6.5 ft	cream tan pipe insulation sealant	N	F	
7348-03-10-04	200 LF	Basement, SW central hose drainage closet, 96 sq ft	gray pebbly concrete	N	F	(5 x 20 LF) = 200
7348-03-10-05	-	Basement, NW Exposure Room, SE corner, 13 sq ft	gray concrete	N	F	steam pipe
7348-03-10-06	-	Basement, NW central boiler room, SE central area, on Fiberglass Insulated Pipe, 7 ft	cream tan pipe insulation sealant	N	F	
7348-03-10-07	400 SF	Basement, SE central office, wall, central area, 58 sq ft	concrete and joint	N	F	some drywall also - no J.C.
7348-03-10-08	-	Basement, SE central office, east wall, central area, 116 sq ft	concrete and joint	N	F	
7348-03-10-09	24 LF	Basement, SE central office, N wall, central area, 5 sq ft	dark brown Fiberglas Bore	N	F	
7348-03-10-10	8 SF	Basement, SE central office, E wall, central area, 0 ft	old Fiberglas Bore	N	F	
7348-03-10-11	170 SF	Basement, SE central office, SW area, in doorway, 10 ft	dark brown Fiberglas Bore	N	F	
7348-03-10-12	-	Basement, SE central office, west wall, central area, 12 ft	dark brown Fiberglas Bore	N	F	

THIS IS A CHAIN

OK

TO HELIX ENVIRONMENTAL, INC.

THIS IS A CHAIN

TO HELIX ENVIRONMENTAL, INC.

OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL.

RECD 1	Helix Env, Inc.	3/10/25	REC'D 3	Relinquished by	Company	Date/Turne
RECD 2	Don Froehlich	3/11/25	REC'D 4	Relinquished by	Company	Date/Turne



1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

RUSH - YES OR **NO**

LABORATORY: San Air  
DATE SAMPLED: 3/10/2005  
DATE REQUIRED: 24 HR TAT  
JOB NO./LOCATION: 7348/ Dayton, OH  
CLIENT: App Architecture  
BUILDING: Fire Station 16, 411 Kings Highway  
INSPECTOR: Ben Frazer Inc  
JOB NUMBER: 7348

25017959 N013

25016076 PLM

BULK SAMPLE DATA SHEET				ANALYSES REQUESTED: <u>Asbestos PLM</u>		
HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FINISH/ NON	CONDITION	COMMENTS
7348-03-10-13	320 SF	Basement, NW Exercise Room, central area, on ceiling	Hard plaster	N	F	
7348-03-10-14	-	Basement, NW central boiler room, SE Area, on ceiling	Hard plaster	N	F	
7348-03-10-15	-	Basement, NW central boiler room, NW Area, on ceiling	Hard plaster	N	F	
7348-03-10-16	25 SF	Basement, NW Exercise Room, E. wall, on ceiling	Fire Penetration Caulk	N	F	
7348-03-10-17	-	Basement, NW central boiler room, NW Area, on ceiling	Fire Penetration Caulk	N	F	
7348-03-10-18	60 SF	Basement, NW central boiler room, NW Area, on ceiling	Fire Penetration Caulk	N	F	
7348-03-10-19	-	Basement, NW central boiler room, NW Area, on ceiling	Fire Penetration Caulk	N	F	
7348-03-10-20	10 44 SF	Basement, NW central boiler room, NW Area, on ceiling	Fire Penetration Caulk	N	F	
7348-03-10-21	-	Basement, NW central boiler room, NW Area, on ceiling	Fire Penetration Caulk	N	F	
7348-03-10-22	64 SF	Basement, NW central boiler room, NW Area, on ceiling	Fire Penetration Caulk	N	F	
7348-03-10-23	-	Basement, NW central boiler room, NW Area, on ceiling	Fire Penetration Caulk	N	F	
7348-03-10-24	-	Basement, NW central boiler room, NW Area, on ceiling	Fire Penetration Caulk	N	F	

THIS IS CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN

REC'D 1	REC'D 2	ORIGINAL TO HELIX ENVIRONMENTAL, INC.	DATE/TIME
7348-03-10-13	7348-03-10-14	7348-03-10-15	7348-03-10-16
7348-03-10-17	7348-03-10-18	7348-03-10-19	7348-03-10-20
7348-03-10-21	7348-03-10-22	7348-03-10-23	7348-03-10-24
7348-03-10-25	7348-03-10-26	7348-03-10-27	7348-03-10-28
7348-03-10-29	7348-03-10-30	7348-03-10-31	7348-03-10-32
7348-03-10-33	7348-03-10-34	7348-03-10-35	7348-03-10-36
7348-03-10-37	7348-03-10-38	7348-03-10-39	7348-03-10-40
7348-03-10-41	7348-03-10-42	7348-03-10-43	7348-03-10-44
7348-03-10-45	7348-03-10-46	7348-03-10-47	7348-03-10-48
7348-03-10-49	7348-03-10-50	7348-03-10-51	7348-03-10-52
7348-03-10-53	7348-03-10-54	7348-03-10-55	7348-03-10-56
7348-03-10-57	7348-03-10-58	7348-03-10-59	7348-03-10-60
7348-03-10-61	7348-03-10-62	7348-03-10-63	7348-03-10-64
7348-03-10-65	7348-03-10-66	7348-03-10-67	7348-03-10-68
7348-03-10-69	7348-03-10-70	7348-03-10-71	7348-03-10-72
7348-03-10-73	7348-03-10-74	7348-03-10-75	7348-03-10-76
7348-03-10-77	7348-03-10-78	7348-03-10-79	7348-03-10-80
7348-03-10-81	7348-03-10-82	7348-03-10-83	7348-03-10-84
7348-03-10-85	7348-03-10-86	7348-03-10-87	7348-03-10-88
7348-03-10-89	7348-03-10-90	7348-03-10-91	7348-03-10-92
7348-03-10-93	7348-03-10-94	7348-03-10-95	7348-03-10-96
7348-03-10-97	7348-03-10-98	7348-03-10-99	7348-03-10-100





25017959 R003  
25016076 PLM



1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

LABORATORY: 500 AIR  
DATE SAMPLED: 3/10/2025  
DATE REQUIRED: 24 HR TAT  
RUSH - YES OR NO  
JOB NO./LOCATION: 7346-03-10-37  
CLIENT: App Architecture  
BUILDING: Fire station 16, 4111 Kings Highway  
INSPECTOR: B Froelich  
JOB NUMBER: 7346

BULK SAMPLE DATA SHEET			ANALYSES REQUESTED: Asbestos PLM			
HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7346-03-10-37	50 SF	1st Fl, West Engine Bay, Central Aircon engine back ductwork	grey dust sealant	N	G	
7346-03-10-38	—	1st Fl, West Engine Bay, West side center on Magnatrac ductwork	grey dust sealant	N	G	
7346-03-10-39	5 SF	1st Fl, West Engine Bay, NE Area on ceiling Radiator fan 8 ft on Fiberglass insulation	Tan foam insulation	N	F	
7346-03-10-40	5 100 SF	1st Fl, Tractor Area, NW corner ceiling	Hard plaster	N	G	
7346-03-10-41	—	1st Fl, Tractor Area, Center ceiling	Hard plaster	N	F	
7346-03-10-42	70 SF	1st Fl, SVE entrance area floor	grout = brown, masonry shingles, tile, dusting	N	F	
7346-03-10-43	—	1st Fl, N Entrance (Dining area) floor at door	grout = brown, masonry shingles, tile, dusting	N	F	
7346-03-10-44	—	1st Fl, Locker Room, SW central Area, on upper floor in adjacent pipe	Tan/Cream type insulation	N	F	
7346-03-10-45	—	1st Fl, N. central dormitory, NW corner, on ceiling	Hard plaster	N	F	
7346-03-10-46	—	1st Fl, Locker Room, S Side at Lockers	grout Black Core Base	N	F	
7346-03-10-47	—	1st Fl, Locker Room, SW corner ceiling	Hard plaster	N	F	
7346-03-10-48	—	1st Fl, E10 Hall, E of kitchen door	Hard plaster	N	F	

COMPLETE, SSN, AND DATE, PLEASE RETURN

THIS IS A CHAIN OF CUSTODY DOCUMENT PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN TO ORIGINAL TO HELIX ENVIRONMENTAL, INC.

RECEIVED 1: *[Signature]* Date: *3/10/2025* Time: *2:30*

RECEIVED 2: *[Signature]* Date: *3/10/2025* Time: *2:30*

Company: *Helix Environmental, Inc.*

Inspected by: *[Signature]*

Technician by: *[Signature]*

25017959 NOB



1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
 Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

LABORATORY: Sna Air  
 DATE SAMPLED: 3/10/2025  
 DATE REQUIRED: 24 HR TRT  
 JOB NO./LOCATION: 1348/ 84th Ave, OH  
 CLIENT: Apple Architecture  
 BUILDING: Fire Station 16, 4111 Kings Highway  
 INSPECTOR: R. A. Fitch  
 JOB NUMBER: 1348

RUSH - YES OR **NO**

BULK SAMPLE DATA SHEET			ANALYSES REQUESTED: Asbestos PLM			
HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
1348-03-10-41	15 ST	1st Fl Locker Room, SW Corner	12"X12" Floor Tiles	N	F	H
1348-03-10-50	—	1st Fl Locker Room SE Corner Floor	Tan Matted Black Mosaic	N	F	H Mosaic
1348-03-10-51	15 ST	1st Floor Locker Room SE Area under Sinks	12"X12" Floor Tiles	N	G	J Black Mosaic
1348-03-10-52	—	1st Fl Locker Room, SW Area under Sinks	12"X12" Floor Tiles	N	G	J Black Mosaic
1348-03-10-53	5 ST	1st Fl Kitchen, NW Entrance Floor	12"X12" Floor Tiles	N	G	J Black Mosaic
1348-03-10-54	—	1st Fl Kitchen SE Driveway Floor	12"X12" Floor Tiles	N	G	J Black Mosaic
1348-03-10-55	—	—	Grass Mats	N	G	J Black Mosaic
1348-03-10-56	—	—	—	—	—	—
1348-03-10-57	—	—	—	—	—	—
1348-03-10-58	—	—	—	—	—	—
1348-03-10-59	—	—	—	—	—	—
1348-03-10-60	—	—	—	—	—	—

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Helix Env. Inc.	REC'D 3	Helix Env. Inc.	Date/Time: 3/10/2025
REC'D 2	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Helix Env. Inc.	REC'D 4	Helix Env. Inc.	Date/Time: 3/10/2025



**The Identification Specialists**

Analysis Report  
prepared for  
Helix Environmental Inc

**Report Date: 4/1/2025**

**Project Name: App Architecture, Fire Station 16, 4111 Kings Hwy**

**Project #: 7348**

**SanAir ID#: 25021185**



NVLAP LAB CODE 600227-0

11709 Chesterdale Road, Cincinnati, Ohio 45246  
888.895.1177 | 513.438.6066 | LabReports@SanAir.com | SanAir.com



SanAir ID Number

25021185

FINAL REPORT

4/1/2025 5:51:20 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** App Architecture, Fire Station 16, 4111 Kings Hwy  
**Collected Date:** 3/31/2025  
**Received Date:** 4/1/2025 10:30:00 AM

Dear Benjamin Froehlich,

We at SanAir would like to thank you for the work you recently submitted. The 18 sample(s) were received on Tuesday, April 01, 2025 via UPS. The final report(s) is enclosed for the following sample(s): 7348-03-31-01, 7348-03-31-02, 7348-03-31-03, 7348-03-31-04, 7348-03-31-05, 7348-03-31-06, 7348-03-31-07, 7348-03-31-08, 7348-03-31-09, 7348-03-31-10, 7348-03-31-11, 7348-03-31-12, 7348-03-31-13, 7348-03-31-14, 7348-03-31-15, 7348-03-31-16, 7348-03-31-17, 7348-03-31-18.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in cursive script that reads "Maureen Y. Haley".

Maureen Y. Haley  
Asbestos Laboratory Manager  
SanAir Technologies Laboratory

**Final Report Includes:**

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

**Sample conditions:**

- 18 samples in Good condition.



SanAir ID Number

25021185

FINAL REPORT

4/1/2025 5:51:20 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348**P.O. Number:****Project Name:** App Architecture, Fire Station 16, 4111 Kings Hwy**Collected Date:** 3/31/2025**Received Date:** 4/1/2025 10:30:00 AM

Analyst: Hedge, Emily

**Asbestos Bulk PLM EPA 600/R-93/116**

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-31-01 / 25021185-001 Coating on Concrete Block, 1st Fl, Turnout Gear Locker Room	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-02 / 25021185-002 Coating on Concrete Block, 1st Fl, Custodial Closet, W Wall	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-03 / 25021185-003 Coating on Concrete Block, 1st Fl, Hall to Dormitory Rooms	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-04 / 25021185-004 4" Cove Base + Mastic, 1st Fl, Custodial Closet, N Wall, Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-31-04 / 25021185-004 4" Cove Base + Mastic, 1st Fl, Custodial Closet, N Wall, Mastic	Various Non-Fibrous Heterogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-05 / 25021185-005 Drywall & Joint Compound, 1st Fl, Locker Room, SE Corner, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
7348-03-31-05 / 25021185-005 Drywall & Joint Compound, 1st Fl, Locker Room, SE Corner, Joint Compound	White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-06 / 25021185-006 Drywall & Joint Compound, 1st Fl, Dormitory Room, NE Cubicle, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
7348-03-31-06 / 25021185-006 Drywall & Joint Compound, 1st Fl, Dormitory Room, NE Cubicle, Joint Compound	White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 4/1/2025

Date: 4/1/2025



SanAir ID Number

25021185

FINAL REPORT

4/1/2025 5:51:20 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348**P.O. Number:****Project Name:** App Architecture, Fire Station 16, 4111 Kings Hwy**Collected Date:** 3/31/2025**Received Date:** 4/1/2025 10:30:00 AM

Analyst: Hedge, Emily

**Asbestos Bulk PLM EPA 600/R-93/116**

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-31-07 / 25021185-007 4" Cove Base & Mastic, 1st Fl, Dormitory Room, SE Corner, Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-31-07 / 25021185-007 4" Cove Base & Mastic, 1st Fl, Dormitory Room, SE Corner, Mastic	Brown Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-08 / 25021185-008 4" Cove Base & Mastic, 1st Fl, Custodial Closet, N Wall, Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-31-08 / 25021185-008 4" Cove Base & Mastic, 1st Fl, Custodial Closet, N Wall, Mastic	Brown Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-09 / 25021185-009 Adhesive Behind Ceramic, 1st Fl, Locker Room, S Wall Outside	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-10 / 25021185-010 Adhesive Behind Ceramic, 1st Fl, Locker Room, S Wall	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-11 / 25021185-011 Tile Grout & Mortar, 1st Fl, Locker Room, Floor at Door, Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-31-11 / 25021185-011 Tile Grout & Mortar, 1st Fl, Locker Room, Floor at Door, Grout	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-11 / 25021185-011 Tile Grout & Mortar, 1st Fl, Locker Room, Floor at Door, Mortar	Grey Non-Fibrous Homogeneous	2% Cellulose	98% Other	< 1% Chrysotile
7348-03-31-12 / 25021185-012 Tile Grout & Mortar, 1st Fl, Locker Room, Floor at Door, Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 4/1/2025

Date: 4/1/2025



SanAir ID Number

25021185

FINAL REPORT

4/1/2025 5:51:20 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** App Architecture, Fire Station 16, 4111 Kings Hwy  
**Collected Date:** 3/31/2025  
**Received Date:** 4/1/2025 10:30:00 AM

Analyst: Hedge, Emily

## Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-31-12 / 25021185-012 Tile Grout & Mortar, 1st Fl, Locker Room, Floor at Door, Grout	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-12 / 25021185-012 Tile Grout & Mortar, 1st Fl, Locker Room, Floor at Door, Mortar	Grey Non-Fibrous Homogeneous	2% Cellulose	98% Other	< 1% Chrysotile
7348-03-31-13 / 25021185-013 Exterior Caulk, N Exterior, E Side Door	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-31-14 / 25021185-014 Exterior Caulk, S Exterior, E Side Entrance Door	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-31-15 / 25021185-015 Exterior Caulk, W Exterior, N Window at Sill	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-31-16 / 25021185-016 Exterior Caulk, E Exterior, SE Corner, S Window	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7348-03-31-17 / 25021185-017 Sink Soundproofing, 1st Fl Kitchen, Under S Sink, E Side	Black Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
7348-03-31-18 / 25021185-018 Sink Soundproofing, 1st Fl Kitchen, Under S Sink, E Side	Black Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 4/1/2025

Date: 4/1/2025

### **Disclaimer and Additional Information**

This report is the sole property of the client named on the SanAir Technologies Laboratory, Inc. (SanAir) chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to maintain client confidentiality. The final report cannot be reproduced, except in full, without written authorization from SanAir to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including, but not limited to, posting on the SanAir client portal website, electronic or conventional mail, or by any other means. The information provided in this report applies only to the samples submitted in the condition they were received at the laboratory and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client on the COC, which includes the project name, project number, P.O. number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product, process, system, or person certification, approval, or endorsement by NVLAP, NIST, NELAC, AIHA LAP, LLC or any other agency of the U.S. government; all or some tests contained in this report may not be accredited by every local, state, and federal regulatory agency. Refer to the SanAir website at [www.sanair.com](http://www.sanair.com) for copies of current certificates and scopes of various accreditations, certifications, and licenses or contact the laboratory at [iaq@sanair.com](mailto:iaq@sanair.com) for inquiries regarding the status or scope of an accreditation or certification.

Fibers smaller than 5-microns cannot be seen with this method due to scope limitations. Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Samples are held for a period of 60 days.

#### Asbestos Accreditations, Certifications, and Licenses

National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 600227-0

State of Connecticut Department of Public Health Registration Number: PH-0817

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637

Texas Department of State Health Services License Number: 300510



# HELIX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

RUSH - YES OR NO ☒

LABORATORY: 5m Air 25021185  
DATE SAMPLED: 3/31/2025  
DATE REQUIRED: 24 HR TAT  
JOB NO./LOCATION: 73481 Dayton, OH  
CLIENT: APP Architecture  
BUILDING: Fire Station 16, 4111 Kings Highway  
INSPECTOR: B Froehlich, RA Froehlich  
JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PCM

HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	RIABLE/ NON	CONDITION	COMMENTS
7348-03-31-01	ST	1st Fl, Turnout Gear Locker Room	Yellow Coating on Concrete	N	F	
7348-03-31-02	—	1st Fl, Custodial Closet, West Wall, 6' x 4' x 1'	Yellow Coating on concrete Block	N	F	
7348-03-31-03	—	1st Fl, Hall to Restroom, 6' x 4' x 1'	Yellow Coating on concrete Block	N	F	
7348-03-31-04	4-3F	1st Fl, Custodial Closet, N Wall Bottom E of Door	4" Concrete Block & Mortar	N	G	12 LF / 3 = 45F
7348-03-31-05	—	1st Fl, Locker Room, SE Corner behind Door	Compound & Joint	N	G	
7348-03-31-06	—	1st Fl, Restroom, Room, N.E. Corner	Compound & Joint	N	G	
7348-03-31-07	—	1st Fl, Dormitory Room, SE Corner behind Door	4" Concrete Block & Mortar	N	G	
7348-03-31-08	—	1st Fl, Custodial Closet, N Wall, 6' x 4' x 1'	4" Concrete Block & Mortar	N	G	
7348-03-31-09	400 ST	1st Fl, Locker Room, 5' x 4' x 1'	Tan Adhesive	N	G	Do not analyze
7348-03-31-10	—	1st Fl, Locker Room, 5' x 4' x 1'	Tan Adhesive	N	G	
7348-03-31-11	60 ST	1st Fl, Locker Room, Floor at Door to West Toile	Tan Adhesive	N	G	Tailor Room Floor
7348-03-31-12	—	1st Fl, Locker Room, Floor at Door to East Toile	Tan Adhesive	N	G	

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 2	Received by:	Company:	Date/Time:	REC'D 3	Requisitioned by:	Company:	Date/Time:
	<i>[Signature]</i>	Helix Env. Inc.	3/31/2025 1500		RMB	APR 01 2025	10:30am

# HELIXX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helixenv.com

RUSH - YES OR **NO**

LABORATORY: San Air  
DATE SAMPLED: 3/31/2025  
DATE REQUIRED: 24 HR TAT  
JOB NO./LOCATION: 7348 Dayton, OH  
CLIENT: App Architecture  
BUILDING: Fire Station 16, 411 Kings Highway  
INSPECTOR: B Froehlich  
JOB NUMBER: 7348

## BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PLM

HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-31-13	SF	N Exterior, E side door	Gray Exterior Caulk	N	G	
7348-03-31-14	SF	S Exterior, E side Entrance Door	Gray Exterior Caulk	N	G	
7348-03-31-15	SF	W Exterior, N Window at Sill	Lt. Gray Exterior Caulk	N	G	
7348-03-31-16	SF	E Exterior, SE Corner, S Window	Lt. Gray Exterior Caulk	N	G	DK Gray Stained Windows
7348-03-31-17	SF	Sill Kitchen, under S Sink, E Side	Black Sink Surrounding	N	G	
7348-03-31-18	SF	Sill Kitchen, under S Sink, E Side	Black Sink Surrounding	N	G	
7348-03-31-						
7348-03-31-						
7348-03-31-						
7348-03-31-						
7348-03-31-						
7348-03-31-						
7348-03-31-						

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D 1	Received by: <u>[Signature]</u>	Company: <u>Helix Environmental, Inc.</u>	Date/Time: <u>3/31/2025 1800</u>	REC'D 2	Received by: <u>[Signature]</u>	Company: <u>Helix Environmental, Inc.</u>	Date/Time: <u>3/31/2025 1800</u>
REC'D 3	Received by: <u>[Signature]</u>	Company: <u>Helix Environmental, Inc.</u>	Date/Time: <u>3/31/2025 1800</u>	REC'D 4	Received by: <u>[Signature]</u>	Company: <u>Helix Environmental, Inc.</u>	Date/Time: <u>3/31/2025 1800</u>
REC'D 5	Received by: <u>[Signature]</u>	Company: <u>Helix Environmental, Inc.</u>	Date/Time: <u>3/31/2025 1800</u>	REC'D 6	Received by: <u>[Signature]</u>	Company: <u>Helix Environmental, Inc.</u>	Date/Time: <u>3/31/2025 1800</u>



**The Identification Specialists**

Analysis Report  
prepared for  
Helix Environmental Inc

**Report Date: 4/2/2025**

**Project Name: App Architecture, Fire Station 16, 4111 Kings Hwy**

**Project #: 7348**

**SanAir ID#: 25021480**



NVLAP LAB CODE 600227-0

11709 Chesterdale Road, Cincinnati, Ohio 45246  
888.895.1177 | 513.438.6066 | [LabReports@SanAir.com](mailto:LabReports@SanAir.com) | [SanAir.com](http://SanAir.com)



SanAir ID Number

25021480

FINAL REPORT

4/2/2025 6:09:10 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** App Architecture, Fire Station 16, 4111 Kings Hwy  
**Collected Date:** 3/31/2025  
**Received Date:** 4/2/2025 10:10:00 AM

Dear Benjamin Froehlich,

We at SanAir would like to thank you for the work you recently submitted. The 2 sample(s) were received on Wednesday, April 02, 2025 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 7348-03-31-11, 7348-03-31-12.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Maureen Y. Haley".

Maureen Y. Haley  
Asbestos Laboratory Manager  
SanAir Technologies Laboratory

**Final Report Includes:**

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

**Sample conditions:**

- 2 samples in Good condition.



SanAir ID Number

25021480

FINAL REPORT

4/2/2025 6:09:10 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** App Architecture, Fire Station 16, 4111 Kings Hwy  
**Collected Date:** 3/31/2025  
**Received Date:** 4/2/2025 10:10:00 AM

Analyst: Hedge, Emily

### Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
7348-03-31-11 / 25021480-001 Tile Grout & Mortar, 1st Fl, Locker Room, Floor, Mortar Only, Mortar	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile
7348-03-31-12 / 25021480-002 Tile Grout & Mortar, 1st Fl, Locker Room, Floor, Mortar Only, Mortar	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

Analyst:

Approved Signatory:

Analysis Date: 4/2/2025

Date: 4/2/2025

## **Disclaimer and Additional Information**

### **400 Point Count Method EPA 600/R-93/116**

EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

This report is the sole property of the client named on the SanAir Technologies Laboratory, Inc. (SanAir) chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including, but not limited to, posting on the SanAir client portal website, electronic or conventional mail, or by any other means. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure, additions, exclusions, method deviations and information provided to the laboratory by the client on the COC. When the client requires samples to be tested in a way that deviates from a specific method or condition, all reported results may be affected by the deviation. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they are received at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, P.O. number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start-stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. Limit of detection for this method is 0.25%. This report does not constitute and shall not be used to claim product, process, system, or person certification, approval, or endorsement by NVLAP, NIST, NELAC, AIHA LAP, LLC or any other U.S. governmental agencies; all or some tests contained in this report may not be accredited by every local, state, and federal regulatory agency. Refer to the SanAir website at [www.sanair.com](http://www.sanair.com) for copies of current certificates and scopes of various accreditations, certifications, and licenses or contact the laboratory at [iaq@sanair.com](mailto:iaq@sanair.com) for inquiries regarding the status or scope of an accreditation or certification. Samples are held for a period of 60 days.

#### **Asbestos Accreditations, Certifications, and Licenses:**

National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 600227-0

State of Connecticut Department of Public Health Registration Number: PH-0817

State of Rhode Island Department of Health Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health Asbestos Laboratory Number: LT000637

Texas Department of State Health Services License Number: 300510

25021480

**From:** Benjamin Froehlich <bfroehlich@helixenv.com>  
**Sent:** Wednesday, April 2, 2025 9:54 AM  
**To:** Lab Reports <labreports@sanair.com>  
**Subject:** Re: Analysis Report for Job 25021185 is complete.

**EXTERNAL EMAIL:** DO NOT CLICK on links or attachments unless you recognize the sender and know the content is safe.

Hello,

May I please have 2 day turn-around EPA PLM 400 point counts or EPA PLM NOB analyses on the following sample:

-7348-03-31-11 (25021185-011), mortar only  
-7348-03-31-12 (25021185-012), mortar only

Thanks,  
Ben Froehlich  
Helix Environmental, Inc.  
(937) 226-0650  
7348-03-31-11 / 25021185-011 Mortar  
7348-03-31-12 / 25021185-012 Mortar

---

On Apr 1, 2025, at 5:51 PM, SanAir Technologies Laboratory <[labreports@sanair.com](mailto:labreports@sanair.com)> wrote:

Your Analysis is complete. Your report in PDF format is attached. Information is periodically added to our additional information and disclaimer pages so please check them for updates.

Thank you for your continued business, SanAir

The information in this message may contain confidential information intended for use by the recipient only. If this information was received in error, please reply to the message and delete it.

<25021185\_App Architecture, Fire Station 16, 4111 Kings Hwy\_202541175120.pdf>

RMB APR 02 2025 10:10am

# HELIX

## ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

RUSH - YES OR ☒ NO

LABORATORY: 5m Air  
DATE SAMPLED: 3/17/2025  
DATE REQUIRED: 24 HR TAT  
JOB NO./LOCATION: 7348 Dayton, OH  
CLIENT: APP Architecture  
BUILDING: Fire Station 16, 4111 Kings Highway  
INSPECTOR: B. Froehlich, RA Froehlich  
JOB NUMBER: 7348

Pct 25021480

### BULK SAMPLE DATA SHEET

ANALYSES REQUESTED: Asbestos PLM

HELIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-31-01	SF	1st Fl, Mainst Gear Locker Room	Yellow Coating on Concrete Block	N	F	
7348-03-31-02	—	1st Fl, Custodial Closet, West Wall Locker	Yellow Coating on concrete Block	N	F	
7348-03-31-03	—	1st Fl, Hall to Restroom Room, 6th Floor	Yellow Coating on concrete Block	N	F	
7348-03-31-04	4 SF	1st Fl, Custodial Closet, N Wall	Concrete Base Brick & Mortar	N	G	12 LF / 3 = 4 SF
7348-03-31-05	—	1st Fl, Locker Room, SE Corner	Yellow Coating on concrete Block	N	G	
7348-03-31-06	—	1st Fl, Restroom Room, N Wall	Yellow Coating on concrete Block	N	G	
7348-03-31-07	—	1st Fl, Restroom Room, SE Corner	Yellow Coating on concrete Block	N	G	
7348-03-31-08	—	1st Fl, Custodial Closet, N Wall	Concrete Base Brick & Mortar	N	G	
7348-03-31-09	400 SF	1st Fl, Locker Room, 5th Floor	Yellow Coating on concrete Block	N	G	Do not analyze concrete
7348-03-31-10	—	1st Fl, Locker Room, 5th Floor	Yellow Coating on concrete Block	N	G	
7348-03-31-11	60 SF	1st Fl, Locker Room, 5th Floor	Yellow Coating on concrete Block	N	G	Locker Room Floor
7348-03-31-12	—	1st Fl, Locker Room, 5th Floor	Yellow Coating on concrete Block	N	G	

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE SIGN AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

Received by: <u>[Signature]</u>	Company: <u>Helix Env. Inc.</u>	Date/Time: <u>3/17/2025 13:00</u>	Reinspected by: <u>RMG</u>	Date/Time: <u>APR 01 2025 10:30am</u>
Received by: <u>[Signature]</u>	Company: <u>Helix Env. Inc.</u>	Date/Time: <u>3/17/2025 13:00</u>	Reinspected by: <u>RMG</u>	Date/Time: <u>APR 01 2025 10:30am</u>



# HELIX ENVIRONMENTAL, INC.

1 Elizabeth Place, Suite 160 • Dayton, Ohio 45417-3445  
Phone: (937) 226-0650 Fax: (937) 226-0653 Email: helix@helixenv.com

RUSH - YES OR ☒ NO

LABORATORY: 5m Air  
DATE SAMPLED: 3/31/2025  
DATE REQUIRED: 24 Hr. TAT  
JOB NO./LOCATION: 7348 Porton, OH  
CLIENT: Argo Architecture  
BUILDING: Fire Station 16, 4111 Kings Highway  
INSPECTOR: B. Groves  
JOB NUMBER: 7348

PGT-25021480

RM 25021185

## BULK SAMPLE DATA SHEET

ANALYSIS REQUESTED:

Asbestos PLM

HEIX SAMPLE ID NUMBER	AMOUNT	REPRESENTATIVE SAMPLE LOCATION	MATERIAL DESCRIPTION	FRAGILE/ NON	CONDITION	COMMENTS
7348-03-31-13		NEXTON, E side door	Gray Exterior Caulk	N	G	
7348-03-31-14	SE	SEXTON, E side Entrance Door	Gray Exterior Caulk	N	G	
7348-03-31-15	SE	W EXTENSION, N window at 8:11	LT. Gray Exterior Caulk	N	G	
7348-03-31-16	SE	E EXTENSION, SE corner, S window	LT. Gray Exterior Caulk	N	G	DK Gray Shroud
7348-03-31-17	SE	SEXTON, under S sink, E side	Black Sink Sealing	N	G	under S sink
7348-03-31-18	SE	SEXTON, under S sink, E side	Black Sink Sealing	N	G	
7348-03-31-						
7348-03-31-						
7348-03-31-						
7348-03-31-						
7348-03-31-						
7348-03-31-						
7348-03-31-						

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN, AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

REC'D	Received by:	Company:	Date/Time:
REC'D	Requested by:	Company:	Date/Time:
REC'D	Relinquished by:	Company:	Date/Time:

## LEGEND

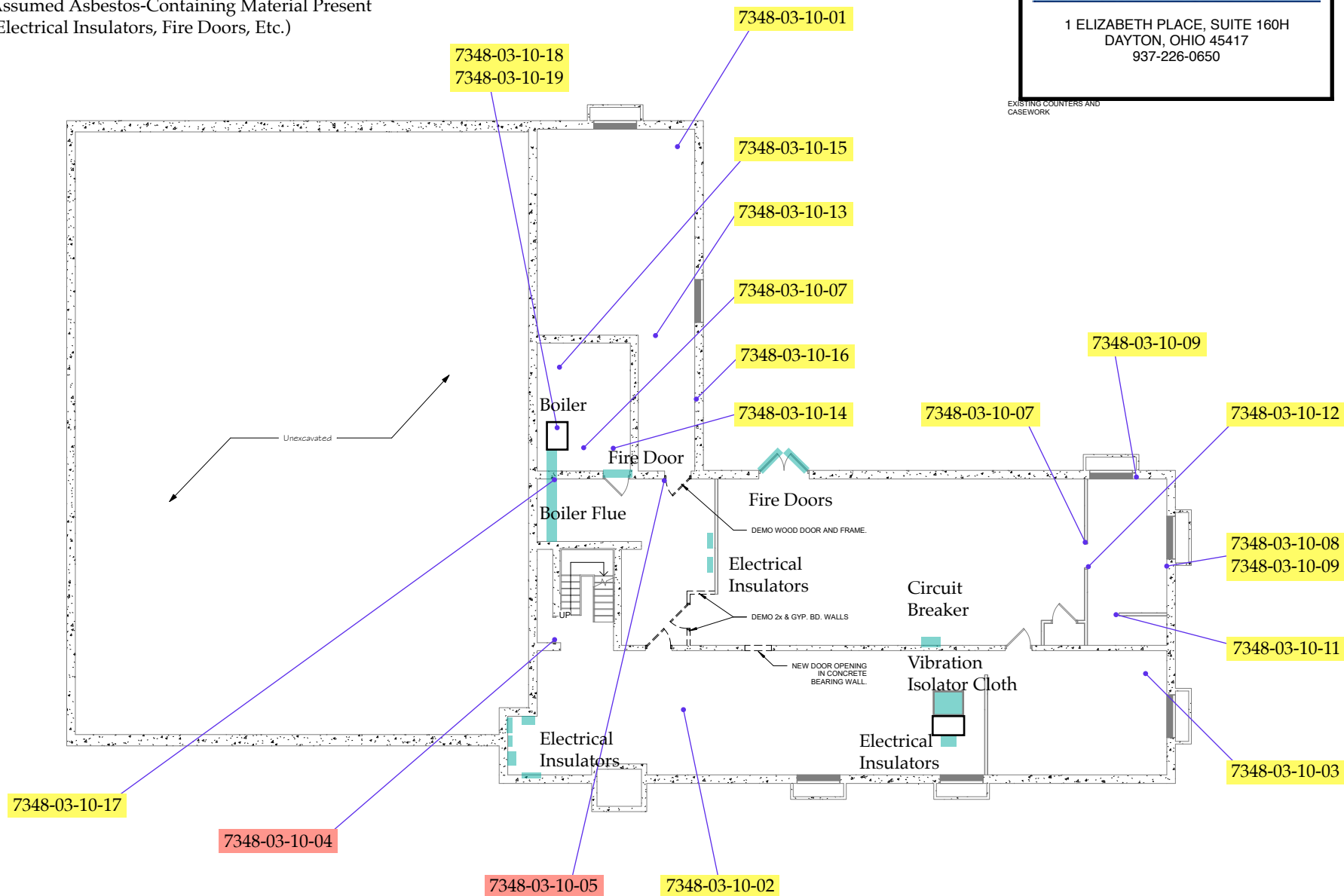
- Asbestos-Containing Material
- Non Asbestos-Containing Material
- Asbestos-Containing Material (Insulation, Flooring Etc.)
- Assumed Asbestos-Containing Material Present (Electrical Insulators, Fire Doors, Etc.)

ASBESTOS SAMPLE LOCATIONS,  
BASEMENT, FIRE STATION 16,  
4111 KING'S HIGHWAY,  
DAYTON, OH

**HELIX**  
ENVIRONMENTAL, INC.

1 ELIZABETH PLACE, SUITE 160H  
DAYTON, OHIO 45417  
937-226-0650

EXISTING COUNTERS AND  
CASEWORK



## LEGEND

- Asbestos-Containing Material
- Non Asbestos-Containing Material
- Asbestos-Containing Material (Insulation, Flooring Etc.)
- Assumed Asbestos-Containing Material Present (Electrical Insulators, Fire Doors, Etc.)

ASBESTOS SAMPLE LOCATIONS,  
1st FLOOR, FIRE STATION 16,  
4111 KING'S HIGHWAY,  
DAYTON, OH

**HELIX**  
ENVIRONMENTAL, INC.

1 ELIZABETH PLACE, SUITE 160H  
DAYTON, OHIO 45417  
937-226-0650

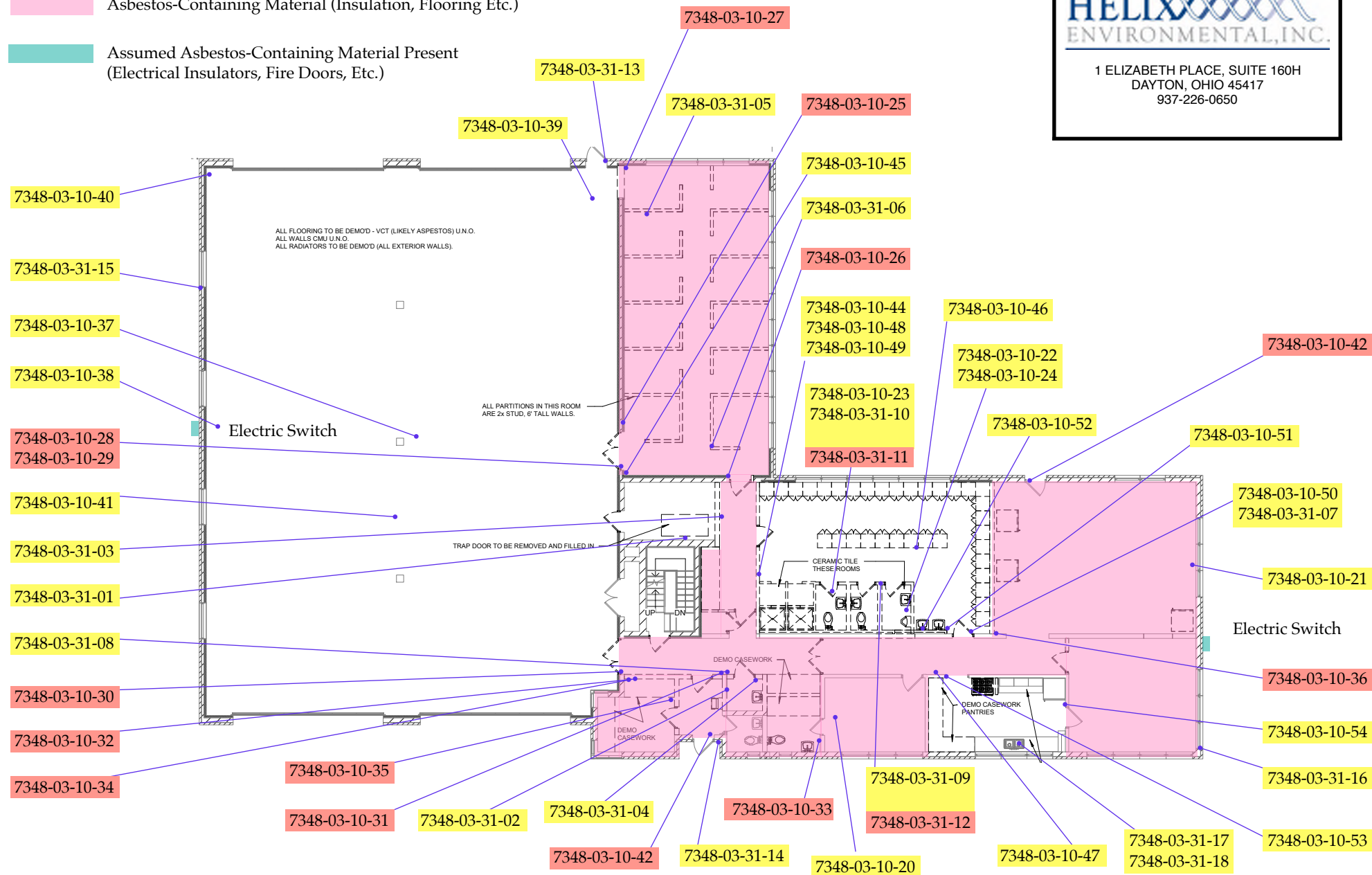




Photo 01- Sample# 7348-03-10-01, No Asbestos Detected in Cream/ Tan Insulation Sealant

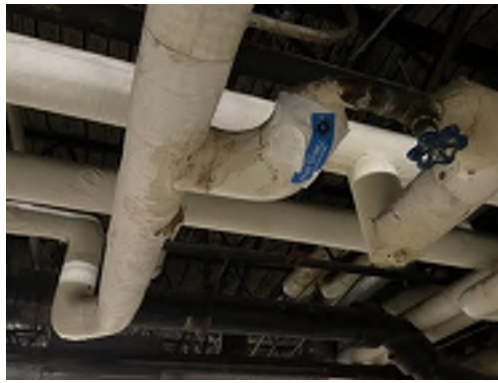


Photo 02- Sample# 7348-03-10-02, No Asbestos Detected in Cream/ Tan Insulation Sealant



Photo 03- Sample# 7348-03-10-03, No Asbestos Detected in Cream/ Tan Insulation Sealant



Photo 04- Sample# 7348-03-10-04, 2% Chrysotile Asbestos Detected in Grey Interior Caulk



Photo 05- Sample# 7348-03-10-05, 2.5% Chrysotile Asbestos Detected in Grey Interior Caulk



Photo 06- Sample# 7348-03-10-06, No Asbestos Detected in Cream/ Tan Insulation Sealant



Photo 07- Sample# 7348-03-10-07, No Asbestos Detected in Drywall and Joint Compound



Photo 08- Sample# 7348-03-10-08, No Asbestos Detected in Drywall and Joint Compound



Photo 09- Sample# 7348-03-10-09, No Asbestos Detected in 4" Cove Base and Mastic





Photo 10- Sample# 7348-03-10-10, No Asbestos Detected in 4" Cove Base and Mastic



Photo 11- Sample# 7348-03-10-11, No Asbestos Detected in 12" x 12" Tan Mottled Floor Tile and Tan Mastic



Photo 12- Sample# 7348-03-10-12, No Asbestos Detected in 12" x 12" Tan Mottled Floor Tile and Tan Mastic



Photo 13- Sample# 7348-03-10-13, No Asbestos Detected in Hard Plaster



Photo 14- Sample# 7348-03-10-14, No Asbestos Detected in Hard Plaster



Photo 15- Sample# 7348-03-10-15, No Asbestos Detected in Hard Plaster



Photo 16- Sample# 7348-03-10-16, No Asbestos Detected in Pipe Penetration Plaster



Photo 17- Sample# 7348-03-10-17, No Asbestos Detected in Pipe Penetration Plaster



Photo 18- Sample# 7348-03-10-18, No Asbestos Detected in Grey Boiler Sealant



Photo 19- Sample# 7348-03-10-19, No Asbestos Detected in Grey Boiler Sealant



Photo 20- Sample# 7348-03-10-20, No Asbestos Detected in 2' x 4' Ceiling Tile



Photo 21- Sample# 7348-03-10-21, No Asbestos Detected in 2' x 4' Ceiling Tile



Photo 22- Sample# 7348-03-10-22, No Asbestos Detected in 2' x 2' Ceiling Tile



Photo 23- Sample# 7348-03-10-23, No Asbestos Detected in 2' x 2' Ceiling Tile



Photo 24- Sample# 7348-03-10-24, No Asbestos Detected in Drywall and Joint Compound



Photo 25- Sample# 7348-03-10-25, 0.3% Chrysotile Asbestos Detected in Grey Interior Caulk



Photo 26- Sample# 7348-03-10-26, 4% Asbestos Detected in 9"x9" Tan Streak Floor Tile, No Asbestos in Black Mastic



Photo 27- Sample# 7348-03-10-27, 4% Asbestos Detected in 9"x9" Tan Streak Floor Tile, No Asbestos in Black Mastic





Photo 28- Sample# 7348-03-10-28, 4% Asbestos Detected in 9"x9" Pink Streaked Floor Tile, No Asbestos in Black Mastic



Photo 29- Sample# 7348-03-10-29, 4% Asbestos Detected in 9"x9" Pink Streaked Floor Tile, No Asbestos in Black Mastic



Photo 30- Sample# 7348-03-10-30, 4% Asbestos Detected in 9"x9" Terracotta Streaked Floor Tile, No Asbestos in Black Mastic



Photo 31- Sample# 7348-03-10-31, 4% Asbestos Detected in 9"x9" Terracotta Streaked Floor Tile, No Asbestos in Black Mastic



Photo 32- Sample# 7348-03-10-32, 2.2% Asbestos Detected in 9"x9" Grey and Green Streaked Floor Tile, No Asbestos in Black Mastic



Photo 33- Sample# 7348-03-10-33, 3.5% Asbestos Detected in 9"x9" Grey and Green Streaked Floor Tile, No Asbestos in Black Mastic



Photo 34- Sample# 7348-03-10-34, 4% Asbestos Detected in 9"x9" Green Streaked Floor Tile, No Asbestos in Black Mastic



Photo 35- Sample# 7348-03-10-35, 4% Asbestos Detected in 9"x9" Green Streaked Floor Tile, No Asbestos in Black Mastic



Photo 36- Sample# 7348-03-10-36, 0.9% Chrysotile Asbestos Detected in Grey Interior Caulk

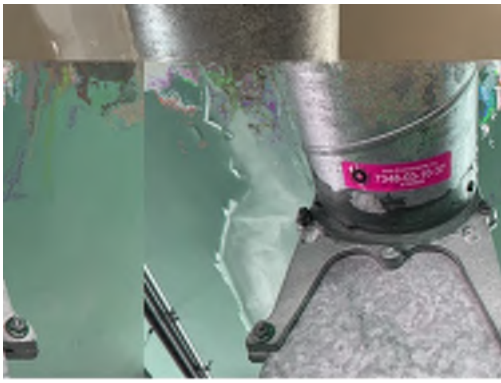


Photo 37- Sample# 7348-03-10-37, No Asbestos Detected in Grey Duct Sealant



Photo 38- Sample# 7348-03-10-38, No Asbestos Detected in Grey Duct Sealant



Photo 39- Sample# 7348-03-10-39, No Asbestos Detected in Tan Pipe Insulation Sealant



Photo 40- Sample# 7348-03-10-40, No Asbestos Detected in Hard Plaster



Photo 41- Sample# 7348-03-10-41, No Asbestos Detected in Hard Plaster and Skim Coat



Photo 42- Sample# 7348-03-10-42, 0.5% Asbestos Detected in 9"x9" Maroon Streaked Floor Tile, No Asbestos in Black Mastic



Photo 43- Sample# 7348-03-10-43, 1.3% Asbestos Detected in 9"x9" Maroon Streaked Floor Tile, No Asbestos in Black Mastic



Photo 44- Sample# 7348-03-10-44, No Asbestos Detected in Tan Pipe Insulation Sealant



Photo 45- Sample# 7348-03-10-45, No Asbestos Detected in Hard Plaster



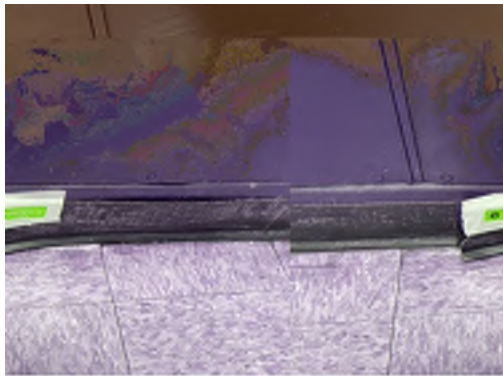


Photo 46- Sample# 7348-03-10-46, No Asbestos Detected in 4" Cove Base and Mastic



Photo 47- Sample# 7348-03-10-47, No Asbestos Detected in Hard Plaster and Skim Coat



Photo 48- Sample# 7348-03-10-48, No Asbestos Detected in Hard Plaster and Skim Coat



Photo 49- Sample# 7348-03-10-49, No Asbestos Detected in 12"x12" Tan Mottled Floor Tile and Black Mastic



Photo 50- Sample# 7348-03-10-50, No Asbestos Detected in 12"x12" Tan Mottled Floor Tile and Black Mastic



Photo 51- Sample# 7348-03-10-51, No Asbestos Detected in 12"x12" Taupe Mottled Floor Tile and Black Mastic



Photo 52- Sample# 7348-03-10-52, No Asbestos Detected in 12"x12" Taupe Mottled Floor Tile and Black Mastic



Photo 53- Sample# 7348-03-10-53, No Asbestos Detected in 12"x12" Bronze Mottled Floor Tile and Black Mastic



Photo 54- Sample# 7348-03-10-54, No Asbestos Detected in 12"x12" Bronze Mottled Floor Tile and Black Mastic



Photo 55- Sample# 7348-03-31-01, No Asbestos Detected in Yellow Block Coating



Photo 56- Sample# 7348-03-31-02, No Asbestos Detected in Yellow Block Coating



Photo 57- Sample# 7348-03-31-03, No Asbestos Detected in Yellow Block Coating



Photo 58- Sample# 7348-03-31-04, No Asbestos Detected in 4" Cove Base and Mastic



Photo 59- Sample# 7348-03-31-05, No Asbestos Detected in Drywall and Joint Compound



Photo 60- Sample# 7348-03-31-06, No Asbestos Detected in Drywall and Joint Compound



Photo 61- Sample# 7348-03-31-07, No Asbestos Detected in 4" Cove Base and Mastic



Photo 62- Sample# 7348-03-31-08, No Asbestos Detected in 4" Cove Base and Mastic



Photo 63- Sample# 7348-03-31-09, No Asbestos Detected in Tan Ceramic Tile Adhesive





Photo 64- Sample# 7348-03-31-10, No Asbestos Detected in Tan Ceramic Tile Adhesive



Photo 65- Sample# 7348-03-31-11, <0.25% Asbestos Detected in Mortar, No Asbestos Detected in Ceramic Tile and Adhesive



Photo 66- Sample# 7348-03-31-12, <0.25% Asbestos Detected in Mortar, No Asbestos Detected in Ceramic Tile and Adhesive



Photo 67- Sample# 7348-03-31-13, No Asbestos Detected in Grey Exterior Caulk



Photo 68- Sample# 7348-03-31-14, No Asbestos Detected in Grey Exterior Caulk



Photo 69- Sample# 7348-03-31-15, No Asbestos Detected in Light Grey Exterior Caulk



Photo 70- Sample# 7348-03-31-16, No Asbestos Detected in Light Grey Exterior Caulk



Photo 71- Sample# 7348-03-31-17, No Asbestos Detected in Black Sink Soundproofing



Photo 72- Sample# 7348-03-31-18, No Asbestos Detected in Black Sink Soundproofing





Photo 73- Basement, Boiler Room Entrance Door, All Fire Doors Are Assumed to Contain Asbestos



Photo 74- Basement, Maintenance Room Entrance Door, All Fire Doors Are Assumed to Contain Asbestos



Photo 75- Basement, Boiler Room, Boiler Flue is Assumed to Contain Asbestos, Under the Metal Jacket



Photo 76- Basement, West Central Hallway, Boiler Flue is Assumed to Contain Asbestos, Under the Metal Jacket



Photo 77- Basement, SW Room, East Area, White Vibration Isolator Cloth is Assumed to Contain Asbestos



Photo 78- Basement, SW Room, East Area, Electrical Insulators in Safety Switch are Assumed to Contain Asbestos



Photo 79- Exterior, West Side, Safety Switch, All Electrical Insulators are Assumed to Contain Asbestos

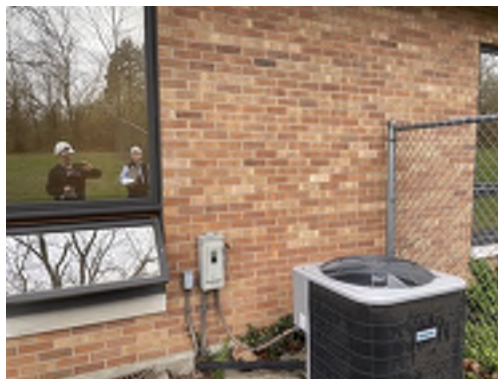


Photo 80- Exterior, East Side, Safety Switch, All Electrical Insulators are Assumed to Contain Asbestos



Photo 81- Exterior, Roof, East Side, Safety Switches, All Electrical Insulators are Assumed to Contain Asbestos



Photo 82- Basement, West Central Hallway, East Wall, Safety Switches, All Assumed to Contain Asbestos



Photo 83- Boiler Room, East Wall, Circuit Breaker, All Electrical Insulators are Assumed to Contain Asbestos



Photo 84- Basement, SW Room, West Wall, All Electrical Insulators are Assumed to Contain Asbestos



Photo 85- Maintenance Room, South Wall, Circuit Breaker, All Electrical Insulators are Assumed to Contain Asbestos



Photo 86- Exterior, Roof, East Side, Safety Switches, All Bituminous Roofing is Assumed to Contain Asbestos



Photo 87- Exterior, North Side of West Vehicle Bay





April 29, 2025

Mr. Curt Sparks, AIA, ACHA, EDAC  
App Architecture  
615 Woodside Drive  
Englewood, Ohio 45322

Telephone (937) 836-8898 ext. 110

**RE: Pre-Renovation Preliminary Lead-Containing Paint Inspection of Fire Station  
16, 4111 Kings Highway, Dayton, Ohio, March 10, 2025.  
Helix Project No. 7348.**

Dear Mr. Sparks:

App Architecture contracted with Helix Environmental, Inc. to perform a pre-renovation preliminary lead-containing paint inspection of the accessible portions of the Fire Station 16 located at 4111 Kings Highway, Dayton, Ohio. The inspection was necessary to determine if lead-containing paint materials were present so that plans could be made to remove them in accordance with current regulatory requirements prior to a planned renovation project at the building. This letter report summarizes the results of the inspection performed on March 10, 2025 and the analytical results of samples collected on that date. A companion report documents the asbestos inspection of the fire station building.

## **INSPECTION AND ANALYTICAL PROCEDURES**

Mr. Ralph Froehlich, CIH, CSP, QEP performed preliminary lead paint film sampling at representative locations in the accessible renovation areas at the Fire Station 16 building, 4111 Kings Highway in Dayton, Ohio. Mr. Ralph A. Froehlich is a Certified Industrial Hygienist with more than thirty years experience in the fields of occupational and environmental health, and is certified by the Ohio Department of Health as an Asbestos Hazard Evaluation Specialist and Asbestos Abatement Project Designer (Certification Nos. ES3074 and PD60148, respectively).

Painted surfaces will be disturbed during the planned renovation, and were assumed to contain lead given the ages of the buildings (approximately 100 years). Helix Environmental, Inc. collected fourteen (14) paint film samples in representative locations to evaluate the accuracy of this assumption.

Paint film samples were collected using cleaned hand tools and packaged in labeled zip-lock plastic bags. The sample bags were placed into a larger zip-lock bag, with the original sample data/chain-of-custody and analytical request forms. Helix Environmental, Inc. retained copies of these forms.

The samples were shipped by overnight courier to SanAir Technologies Laboratory, Inc., a National Voluntary Laboratory Accreditation Program (NVLAP) and Ohio Certified Professional accredited environmental lead laboratory, where they were analyzed for lead in accordance with the U.S. Environmental Protection Agency's SW846/M 050B/7000B Method. Under this method, the limit of detection for lead is 10  $\mu\text{g}$ /sample.

SanAir Technologies Laboratory, Inc. maintains accreditation from the American Industrial Hygiene Association as an environmental lead laboratory and has received accreditation through successful participation in the NIST National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos and as an environmental microbiology laboratory. AIHA-accredited laboratories are scrutinized on a regular basis to ensure that personnel, equipment, facilities and data are maintained. In addition, AIHA-accredited laboratories have well-developed assurance/quality control programs to ensure that analytical results accurately reflect conditions present during the sampling periods.

## **APPLICABLE STANDARDS**

### **Lead**

The U. S. Environmental Protection Agency (EPA) has established regulations that identify paint with lead content in excess of 0.5 percent as "Lead-Based Paint", as determined by chemical testing methods or more than 1.0 mg/cm<sup>2</sup> as determined by approved X-Ray Fluorescence monitor. These regulations establish required notification, removal techniques, and disposal of Lead-Based Paint. The Ohio Department of Health has established equivalent regulations for Ohio (Ohio Administrative Code 3745-20, 22).

The Occupational Safety and Health Administration (OSHA) has promulgated an eight-hour Time-Weighted Average (TWA) Permissible Exposure Limit of 0.050 mg/m<sup>3</sup> (50 µg/m<sup>3</sup>) for airborne lead exposures (29 CFR 1910.1025, 29 CFR 1926.62). An Action Level of 0.030 mg/m<sup>3</sup> (30 µg/m<sup>3</sup>) has also been included with the standards. Lead-containing materials are defined as those that contain any detectable concentration of lead. These regulations include complex requirements for Lead-Based Paint abatement. OSHA requires employers to monitor employee exposures to lead and to protect worker health until lead exposure levels are measured by requiring lead training, blood lead testing, respiratory protection, protective clothing, hand-washing facility and clean change areas (29 CFR 1926.62(d)(2)(v)).

The U.S. Environmental Protection Agency (EPA) has established clearance criteria for lead-based paint abatement projects in residences (40 CFR 763.91).

The American Conference of Governmental Industrial Hygienists (ACGIH) recommends an airborne eight-hour TWA Threshold Limit Value of 0.050 mg/m<sup>3</sup> (ACGIH, 2024 *TLVs and BEIs*). ACGIH TLVs denote concentrations and conditions to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.

The National Institute for Occupational Safety and Health (NIOSH) recommends an eight-hour TWA Recommended Exposure Limit of 0.050 mg/m<sup>3</sup> (NIOSH *Pocket Guide to Chemical Hazards*, 2007). NIOSH also identifies 100 mg/m<sup>3</sup> as the Immediately Dangerous to Life or Health concentration for lead.



**ANALYTICAL RESULTS****TABLE 1: LEAD-CONTENT OF PAINT AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10, 2025. HELIX PROJECT NO. 7348.**

<b>Helix Sample No. Lab Sample No.</b>	<b>Sample Location</b>	<b>Description</b>	<b>Lead Concentration (% Lead)</b>
7348-03-10-61 25016044-1	1st Floor, West Vehicle Bay, South Central Area, 0' Ht.	Yellow Paint Stripe on Concrete	<b>0.352</b>
7348-03-10-62 25016044-2	1st Floor, West Vehicle Bay, Central Area, 0' Ht.	White Paint Stripe on Concrete	ND <0.009
7348-03-10-63 25016044-3	1st Floor, West Vehicle Bay, East Wall, South Central Area, On Doorframe to Turnout Gear Room, 5' Ht.	Brown Paint on Metal Door Frame	<b>1.448</b>
7348-03-10-64 25016044-4	1st Floor, North Central Dormitory, Southwest Cubicle, East Wall, 2' Ht.	Tan Paint on Drywall	ND <0.009
7348-03-10-65 25016044-5	1st Floor, South Central Custodial Room, West Wall, 5' Ht.	Tan and Yellow Paint on Concrete Block Wall	<b>0.014</b>
7348-03-10-66 25016044-6	1st Floor, South Central Custodial Room, West Wall, Door Frame, 4' Ht.	Brown and Red Paint on Metal Door Frame	<b>0.704</b>
7348-03-10-67 25016044-7	1st Floor, Southeast Media Room, West Wall, North Area, On Door Frame, 4' Ht.	Brown Paint on Metal Door Frame	<b>0.677</b>
7348-03-10-68 25016044-8	1st Floor, South Central Stairwell, Southeast Area, On Handrail, 1.5' Ht.	White Paint on Metal Railing	<b>0.644</b>
7348-03-10-69 25016044-9	1st Floor, South Central Stairwell, Northwest Central Area, On Underside of Staircase to 2nd Floor	Tan Paint on Wooden Staircase	<b>0.494</b>
7348-03-10-70 25016044-10	Basement, Southwest Central Laundry Room, North Wall, Central Area, Door to Boiler Room, 5' Ht.	Aqua Paint on Fire Door	<b>2.142</b>
7348-03-10-71 25016044-11	Basement, Boiler Room, On Water Tank, On Top, 4' Ht.	Grey Paint on Metal Water Tank	ND <0.009
7348-03-10-72 25016044-12	Basement, Northwest Exercise Room, North Wall, West Central Area, 5' Ht.	White Paint on Concrete Wall	ND <0.009

Ohio Dept. of Health LEAD-BASED PAINT  
US EPA LEAD-BASED PAINT  
OSHA REGULATED LEAD-CONTAINING MATERIAL

>0.5%  
>0.5%  
Detectable

**TABLE 1 (CONTINUED): LEAD CONTENT OF PAINT AT FIRE STATION 16, 4111 KINGS HIGHWAY, DAYTON, OHIO, COLLECTED MARCH 10, 2025. HELIX PROJECT NO. 7348.**

Helix Sample No. Lab Sample No.	Sample Location	Description	Lead Concentration (% Lead)
7348-03-10-73 25016044-13	Basement, Southeast Central Office, South Closet, West Wall, 4' Ht.	Beige Paint on Drywall	ND <0.009
7348-03-10-74 25016044-14	Top Floor, Stairwell, South Wall, Central Area, Under Light, 5' Ht.	Tan Paint on Concrete Block Wall	<b>0.086</b>
7348-03-10-75 25016044-15	Basement, South Central Maintenance Room, North Wall, West Area, At Double Door Frame, West Side, 4' Ht.	Red Paint on Metal Door Frame	ND <0.010
7348-03-10-76 25016044-16	Basement, South Central Maintenance Room, North Wall, East Area, 5' Ht.	Terra Cotta Paint on Concrete Wall	ND <0.009
7348-03-10-77 25016044-17	Basement, Southwest Room, North Wall, Central Area, Loose Door, 4' Ht.	Brown Paint over Aqua on Wood Door	<b>1.707</b>
7348-03-10-78 25016044-18	Basement, Southwest Central Hose Drainage Closet, Southeast Door Frame, 4' Ht.	Brown Paint over Aqua on Wood Door Frame	<b>0.864</b>
7348-03-10-79 25016044-19	1st Floor, West Vehicle Bay, North Area, Center of Ceiling, 14' Ht.	Taupe Paint on Plaster	<b>0.026</b>

Ohio Dept. of Health LEAD-BASED PAINT

US EPA LEAD-BASED PAINT

OSHA REGULATED LEAD-CONTAINING MATERIAL

>0.5%

>0.5%

Detectable

## DISCUSSION AND RECOMMENDATIONS

Since the building was built prior to 1978 when lead was banned for interior coatings, it was assumed that all paint present in the renovation area contains detectable levels of lead. Demolition contractors which will disturb assumed lead-containing painted surfaces must comply with the requirements of the OSHA Construction Industry Lead regulations prior to and during any work which may disturb lead-containing coatings.

A total of fourteen (19) paint film samples of suspect lead-containing paint were collected from the Fire Station 16 renovation areas. Samples were collected from representative surfaces in the accessible renovation areas.

Analytical results confirmed that twelve (12) of 19 paint film samples collected at Fire Station 16, 4111 Kings Highway contain detectable concentrations of lead, or approximately 63% of paint film samples contain lead.

Current OSHA regulations require that employers measure airborne exposures to lead during any work which disturbs potential lead-containing paint. In addition, employers are required to safeguard employee health until exposure monitoring results are available by:

- Respiratory Protection
- Protective Clothing
- Change Areas
- Hand washing facilities
- Biological monitoring including blood sampling and analysis, and
- Training under Hazard Communication and Respirator Standards

When exposure monitoring results are available, then OSHA may require additional controls such as airtight barriers, warning signs, regulated areas and restrictions for entry by untrained workers.

Other potential environmental issues may also be present in the renovation areas, including mercury-containing materials, suspect PCB-containing fluorescent light ballasts, and Freon®-containing refrigerants.

Mercury-containing fluorescent light bulbs in the building have sufficient concentrations of mercury to be considered universal hazardous waste. In addition,

thermostats in the buildings may contain small amounts of mercury, and one mercury-containing thermostat was observed during inspection. Batteries associated with emergency lighting may also contain mercury, and are considered to be universal hazardous waste. These universal waste materials should be carefully removed from the building and recycled in accordance with current regulations.

Fluorescent light ballasts were made with PCBs until 1979. Ballasts made after that date are required to be marked with the legend "No PCBs". Given the age of the building, PCB-containing fluorescent light ballasts and other PCB-containing electrical capacitors and transformers may be present in the building, and each ballast, capacitor or transformer should be examined to determine if it is labeled "No PCBs". If necessary, ballasts, capacitors and transformers that are not so labeled should be carefully removed from the building and packaged and labeled for recycling or incineration in accordance with current regulations.

Refrigerated cooling systems in the building, including water coolers, window air-conditioners, and refrigerators, typically contain Freon® refrigerants that must be recovered by licensed refrigerant recycler if removed, in accordance with current regulations. No unauthorized venting of Freon® refrigerants to the atmosphere is permitted under current regulations, since these materials deplete the stratospheric ozone layer (Ozone Depleting Substances).

Finally, no significant accumulations of hazardous waste were observed during the building inspection that could require special remediation, although small amounts of maintenance and custodial chemicals including interior paint were observed in or near the renovation area. It was assumed that the remaining maintenance and custodial chemicals present in the renovation area will be relocated for use during normal custodial and maintenance operations. If not, then these materials may need to be labeled, packaged and transported to a licensed hazardous waste Treatment, Storage and Disposal site in compliance with federal and state hazardous waste regulations.

**The results of this inspection can only reflect the condition of the property at the date and time of the site visit within the limits of the proposed work. There are limitations to asbestos inspections without dismantling or destroying the building or its systems. No inspection was performed in inaccessible locations. Recommendations are based on the professional judgment of the inspectors, and the results of the samples collected and analyzed. Helix Environmental, Inc. and its agents are neither responsible nor liable for the non-discovery of any defects in**

Mr. Curt Sparks, AIA, ACHA, EDAC

April 29, 2025

Page 8

**materials, craftsmanship, or other conditions, or any problems that may be discovered or manifest after the site visit date and time. Helix Environmental, Inc. and its agents make no warranty, expressed or implied, and accept no liability for the presence absence of asbestos or other hazardous materials in or on building products, materials, or areas. Helix Environmental, Inc. and its agents assume no responsibility for the cost of repairing, replacing, or removing any undiscovered or unreported condition or defect, or any future condition or defect.**

If you have any questions or comments concerning the inspection or analytical results, please call me at (937) 226-0650.

Sincerely,

HELIX ENVIRONMENTAL, INC.

A handwritten signature in black ink, appearing to read 'R. Froehlich', is written over the company name.

Ralph A. Froehlich, CIH, CSP, QEP

President

Attach.

Mr. Curt Sparks, AIA, ACHA, EDAC

April 29, 2025

Page 9

#### **ATTACHMENTS**

- **ANALYTICAL RESULTS AND SAMPLE DATA SHEETS**
- **SAMPLE LOCATIONS**
- **PHOTOGRAPHS**



**The Identification Specialists**

Analysis Report  
prepared for  
Helix Environmental Inc

**Report Date: 3/12/2025**

**Project Name: Fire Station 16 411 Kings Highway**

**Project #: 7348**

**SanAir ID#: 25016044**



10501 Trade Court, North Chesterfield, Virginia 23236  
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | LabReports@SanAir.com | SanAir.com



SanAir ID Number

25016044

FINAL REPORT

3/12/2025 4:13:25 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16 411 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Dear Benjamin Froehlich,

We at SanAir would like to thank you for the work you recently submitted. The 19 sample(s) were received on Tuesday, March 11, 2025 via UPS. The final report(s) is enclosed for the following sample(s): 7348-03-10-61, 7348-03-10-62, 7348-03-10-63, 7348-03-10-64, 7348-03-10-65, 7348-03-10-66, 7348-03-10-67, 7348-03-10-68, 7348-03-10-69, 7348-03-10-70, 7348-03-10-71, 7348-03-10-72, 7348-03-10-73, 7348-03-10-74, 7348-03-10-75, 7348-03-10-76, 7348-03-10-77, 7348-03-10-78, 7348-03-10-79.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink, appearing to read "Abisola Kasali".

Abisola Kasali  
Metals Laboratory Director  
SanAir Technologies Laboratory

**Final Report Includes:**

- Cover Letter
- Chemistry Analysis
- Disclaimers and Additional Information

**Sample conditions:**

- 19 samples in Good condition.





SanAir ID Number  
**25016044**  
FINAL REPORT  
3/12/2025 4:13:25 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16 411 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Seward, Spencer  
Test Method: SW846/M3050B/7000B

### Lead Paint Analysis

PAINT Sample	Description	µg Pb In Sample	Sample Size (grams)	Calculated RL	Sample Results	Sample Results
25016044 - 1	7348-03-10-61 Floor Stripe Yellow Track Area, South Center Floor	402	0.1143	87.5	3516 µg/g (ppm)	0.352 % By Weight
25016044 - 2	7348-03-10-62 Floor Stripe, White Track Area, Center Floor	< 10	0.1146	87.3	<87.3 µg/g (ppm)	<0.009 % By Weight
25016044 - 3	7348-03-10-63 Door Frame, Parapet Truck Area, Door Frame To Turnout Gear	1038	0.0717	139.5	14480 µg/g (ppm)	1.448 % By Weight
25016044 - 4	7348-03-10-64 Drywall Wall, Tan Dormitory Room, SW Cubicle, E Wall	< 10	0.1075	93	<93 µg/g (ppm)	<0.009 % By Weight
25016044 - 5	7348-03-10-65 Block Wall, Tan Yellow Custodial Room, W Wall	16	0.1136	88	143.3 µg/g (ppm)	0.014 % By Weight
25016044 - 6	7348-03-10-66 Metal Door Frame Brown/Red Custodial Room, W Door Frame	751	0.1067	93.7	7040 µg/g (ppm)	0.704 % By Weight
25016044 - 7	7348-03-10-67 Metal Door Frame Brown SE Corner TV Room Hall Door Frame	756	0.1117	89.5	6768 µg/g (ppm)	0.677 % By Weight
25016044 - 8	7348-03-10-68 White Paint On Metal Rod Stairwell	722	0.1122	89.1	6439 µg/g (ppm)	0.644 % By Weight
25016044 - 9	7348-03-10-69 Tan Paint On Wood Under Stairs Stairwell	584	0.1181	84.7	4943 µg/g (ppm)	0.494 % By Weight
25016044 - 10	7348-03-10-70 Aqua Partition Fire Door Basement Door To Boiler Room	1354	0.0632	158.2	21420 µg/g (ppm)	2.142 % By Weight
25016044 - 11	7348-03-10-71	< 10	0.1068	93.6	<93.6	<0.009 %

Method Reporting Limit <10 µg/0.1 g paint  
Sample 7348-03-10-67 contained substrate

Signature:

Date: 3/12/2025

Reviewed:

Date: 3/12/2025



SanAir ID Number  
**25016044**  
FINAL REPORT  
3/12/2025 4:13:25 PM

**Name:** Helix Environmental Inc  
**Address:** 1 Elizabeth Place  
Suite 160  
Dayton, OH 45417  
**Phone:** 937-226-0650

**Project Number:** 7348  
**P.O. Number:**  
**Project Name:** Fire Station 16 411 Kings Highway  
**Collected Date:** 3/10/2025  
**Received Date:** 3/11/2025 10:40:00 AM

Analyst: Seward, Spencer  
Test Method: SW846/M3050B/7000B

### Lead Paint Analysis

PAINT Sample	Description	$\mu\text{g Pb}$ In Sample	Sample Size (grams)	Calculated RL	Sample Results $\mu\text{g/g (ppm)}$	Sample Results By Weight
25016044 - 12	Grey Paint On Tank Top Basement, Boiler Room Water Tank	< 10	0.1129	88.6	<88.6	<0.009 %
25016044 - 13	White Paint On Corner Wall Basement Exercise Room, N Wall	< 10	0.1144	87.4	<87.4	<0.009 %
25016044 - 14	Beige Paint On Drywall Basement, NE Office W Wall	103	0.1202	83.2	859.4	0.086 %
25016044 - 15	Tan Paint On Block Wall Stairwell, Top Loud S Wall Under	< 10	0.1053	95	<95	<0.010 %
25016044 - 16	Red Paint On Metal Door Frame Basement, Maintenance Room, N	< 10	0.1132	88.3	<88.3	<0.009 %
25016044 - 17	Terracotta Paint On Concrete Wall Basement Maintenance Room	1854	0.1086	92.1	17070	1.707 %
25016044 - 18	Brown Paint Over Aqua On Wood Door Basement, S Center Room	933	0.108	92.6	8637	0.864 %
25016044 - 19	Brown Over Aqua On Woo dFrame Basement, Hose Room Door Frame	31	0.1209	82.7	255.3	0.026 %
	Taupe Paint On Plaster Truck Area, N Center Leg Overhead					

Method Reporting Limit <10  $\mu\text{g}/0.1 \text{ g}$  paint  
Sample 7348-03-10-67 contained substrate

Signature:

Date: 3/12/2025

Reviewed:

Date: 3/12/2025

## **Disclaimer**

SanAir Technologies Laboratory, Inc. participates in the Environmental Lead Accreditation Program (ELAP) administered by AIHA LAP, LLC (Laboratory ID LAP-162952). Refer to our accreditation certificate and scope on our website or [www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org) for an up to date list of the Fields of Testing for which we are accredited. SanAir also participates in the State of New York's DOH-ELAP (Lab Id 11983), and has met the EPA's NLLAP program standards. This report does not constitute nor shall be used by the client to claim product, process, system, or person certification, approval, or endorsement by AIHA LAP, LLC, NELAC, NIST, and/or any other U.S. governmental agencies; and test results in this report may not be accredited by every local, state or federal regulatory agency.

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the chain of custody. Neither results nor reports will be discussed with or released to any third party without our client's written permission. Final reports cannot be reproduced, except in full, without written authorization from SanAir Technologies Laboratory, Inc. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including but not limited to posting on the SanAir client portal website, electronic or conventional mail, or by any other means. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results of the analysis is dependent upon the method of sample procurement and information provided by the client on the COC. SanAir is not responsible for the method of sample procurement. SanAir assumes no responsibility for information provided by the client on the COC such as project number, project name, collection dates, po number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. SanAir Technologies Laboratory, Inc only assures the precision and accuracy of the data it generates and assumes no responsibility for errors or biasing that occur during collection prior to SanAir's receipt of the sample(s). Evaluation reports are based solely on the sample(s) in the condition in which they arrived at the laboratory and on the information provided by the client on the COC. Sample(s) were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. SanAir's Method Detection Limits (MDL) and Reporting Limits (RL) have been derived using various materials meeting each accrediting agencies' standards. All quality control results are acceptable unless otherwise noted. SanAir does not make contamination corrections to reports based upon analysis of laboratory and/or field blanks. All samples are disposed of after 90 days unless otherwise requested by the client. For Lead Exposure Limits, refer to HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards and State and Federal Regulations, where applicable. For Lead Exposure Limits in Air, refer to EPA National Ambient Air Quality Standards, OSHA Action Levels & Permissible Exposure Limits (General Industry & Construction), and relative state or federal requirements where applicable.

AIHA LAP, LLC Lab ID: LAP-162952

Commonwealth of VA Department of General Services DCLS, VELAP Laboratory ID#460251

New York State Department of Health Laboratory ID No: 11983

California State Environmental Laboratory Accreditation Program Certificate No: 2915

State of Connecticut Department of Public Health Environmental Laboratory Registration Number: PH-0105

New Jersey Department of Environment Protection Environmental Laboratory Certification ID# VA014

Ohio Department of Health Environmental Lead Laboratory Approval Number E10049

State of Rhode Island Department of Health Environmental Lead Laboratory No LAO00371



# ENVIRONMENTAL, INC.

1 ELIZABETH PLACE, SUITE 160H  
DAYTON, OHIO 45417-3445  
(937) 226-0650

2501604

LABORATORY: SAH

DATE SAMPLED: 3/10/2025

DATE REQUIRED: 24 HR TAT

LOCATION: Dayton, OH

CONTRACTOR/CLIENT: APP Architecture

ADDRESS: Fire Station 16, 4111 Kings Highway

INSPECTOR: R. J. Frickel

JOB NUMBER: 7348

## DETERIORATED PAINT SAMPLING FORM

ANALYSES REQUESTED: Pb Paint (by weight %)

LAB SAMPLE NO.	HELIX SAMPLE NUMBER	ROOM	BUILDING COMPONENT	CONDITION	SAMPLE AREA	COMMENTS
	7348-03-10-61	Truck Area, Suffer	Floor stripe yellow	P	2'x3'	on concrete
	7348-03-10-62	Truck Area, Capped Floor	Floor stripe, white	P	2'x2'	on concrete
	7348-03-10-63	Truck Area, Door Frame to Terminal Room	Door Frame, brown SHL	G	2'x2'	on metal
	7348-03-10-64	Truck Area, Room, SW	Drywall wall, tan	G	2'x2'	on wall
	7348-03-10-65	Custodial Room, W	Black wall, tan area yellow SHL	G	1'x1'	
	7348-03-10-66	Custodial Room, W	Metal Door Frame, Brown/Rd SHL	F	1'x3'	
	7348-03-10-67	SE Corner TV Room Hall Door Frame	Metal Door Frame, Brown	G	2'x3'	
	7348-03-10-68	Stairwell	White paint on metal wall	P	1'x2'	

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

RECD 1	RELINQUISHED BY: <u>Helix Enviro</u>	COMPANY: <u>Helix Enviro</u>	DATE/TIME: <u>3/10/2025</u>	RECD 3	RELINQUISHED BY:	COMPANY:	DATE/TIME:
RECD 2	RECEIVED BY: <u>Ken</u>	COMPANY:	DATE/TIME: <u>3/11/25</u>	RECD 4			



(937) 226-0650

JOB NUMBER: 7348

Page 7 of 8

Pb part (by weight %)

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN AND DATE. PLEASE RETURN ORIGINAL TO ISSUING AGENCY.

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN AND DATE. PLEASE RETURN ORIGINAL TO ISSUING AGENCY.

RECD 1	RELINQUISHED BY: <i>[Signature]</i>	COMPANY: <i>Helix Co. Inc.</i>	DATE/TIME: <i>3/10/2025</i>	RECD 3	RELINQUISHED BY:	COMPANY:	DATE/TIME:
RECD 2	RECEIVED BY: <i>[Signature]</i>	COMPANY:	DATE/TIME: <i>3/11/25 10:40am</i>	RECD 4	RELINQUISHED BY:	COMPANY:	DATE/TIME:

**HELIX ENVIRONMENTAL, INC.**  
 1 ELIZABETH PLACE, SUITE 160H  
 DAYTON, OHIO 45417-3445  
 (937) 226-0650

LABORATORY: SMH  
 DATE SAMPLED: 3/10/2025  
 DATE REQUIRED: 24th Feb  
 LOCATION: Dayton, OH  
 CONTRACTOR/CLIENT: App Architecture  
 ADDRESS: Fire Station 16, 4111 Kings Highway  
 INSPECTOR: RAZMAHALL  
 JOB NUMBER: 7348

**DETERIORATED PAINT SAMPLING FORM**

ANALYSES REQUESTED: P

Paint (by very thick)

LAB SAMPLE NO.	HELIX SAMPLE NUMBER	ROOM	BUILDING COMPONENT	CONDITION	SAMPLE AREA	COMMENTS
	7348-03-10-71	Basement, 5 Center Room	Brickwork Paint over	P	2" x 2"	loose down from base
	7348-03-10-78	Basement, Hose Room	4" x 4" concrete on wall over plaster	P	2" x 2"	
	7348-03-10-79	Truck Area, N Under	Truck Paint on	F	2" x 4"	loose
	7348-03-10-80	by Overhead Doors	Plaster			
	7348-03-10-					
	7348-03-10-					
	7348-03-10-					
	7348-03-10-					

THIS IS A CHAIN OF CUSTODY DOCUMENT. PLEASE COMPLETE, SIGN AND DATE. PLEASE RETURN ORIGINAL TO HELIX ENVIRONMENTAL, INC.

RECD 1	RELINQUISHED BY: <u>[Signature]</u>	COMPANY: <u>Helix Env Inc</u>	DATE/TIME: <u>3/10/2025</u>	RECD 3	RELINQUISHED BY:	COMPANY:	DATE/TIME:
RECD 2	RECEIVED BY: <u>[Signature]</u>	COMPANY:	DATE/TIME: <u>3/11/25</u>	RECD 4	RELINQUISHED BY:	COMPANY:	DATE/TIME:

10:10 am

25016074

## LEGEND

Lead-Containing Paint

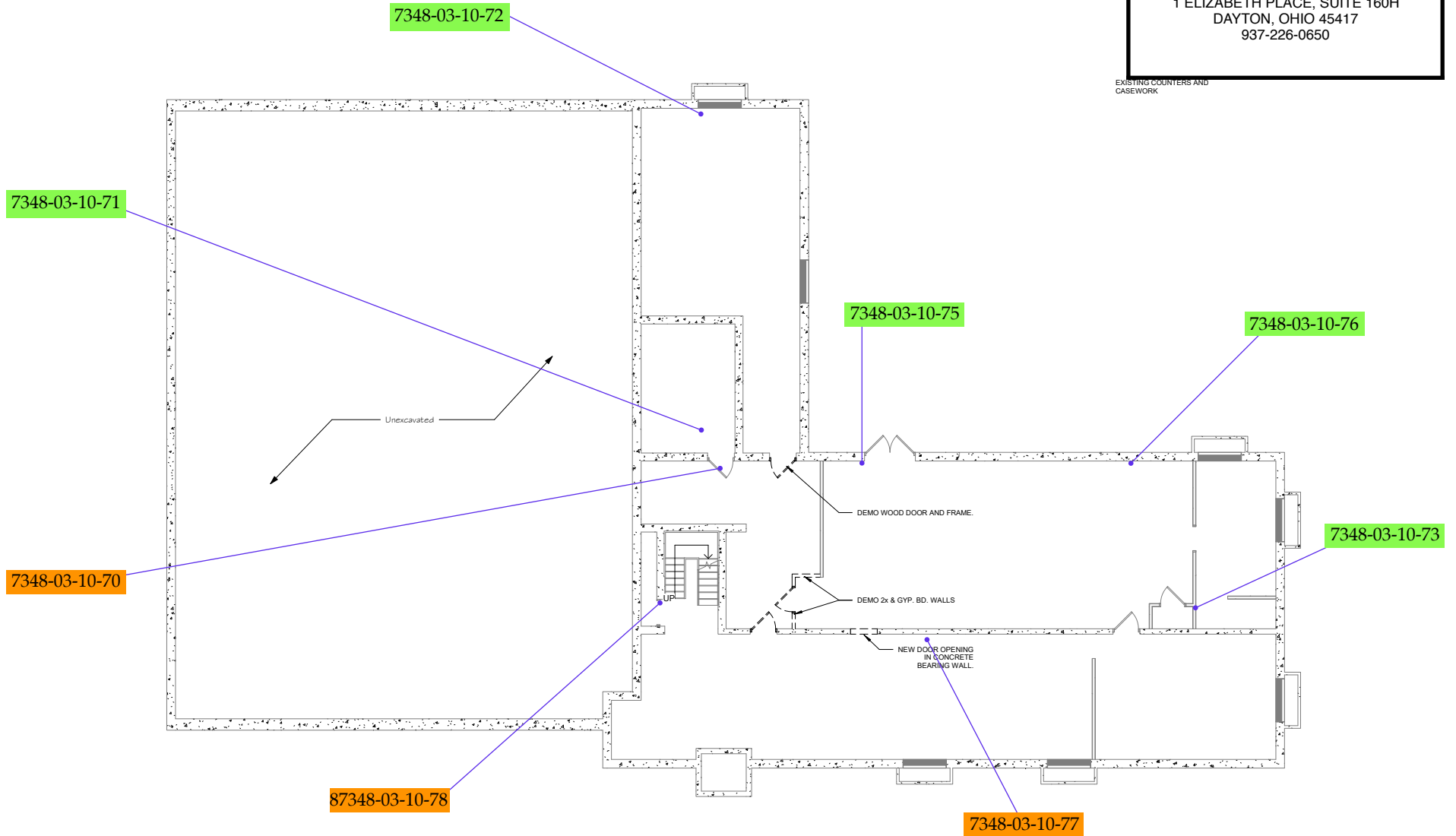
Non Lead-Containing Paint

LEAD SAMPLE LOCATIONS,  
BASEMENT, FIRE STATION 16,  
4111 KING'S HIGHWAY,  
DAYTON, OH


**HELIX**  
ENVIRONMENTAL, INC.


1 ELIZABETH PLACE, SUITE 160H  
DAYTON, OHIO 45417  
937-226-0650

EXISTING COUNTERS AND  
CASEWORK



## LEGEND

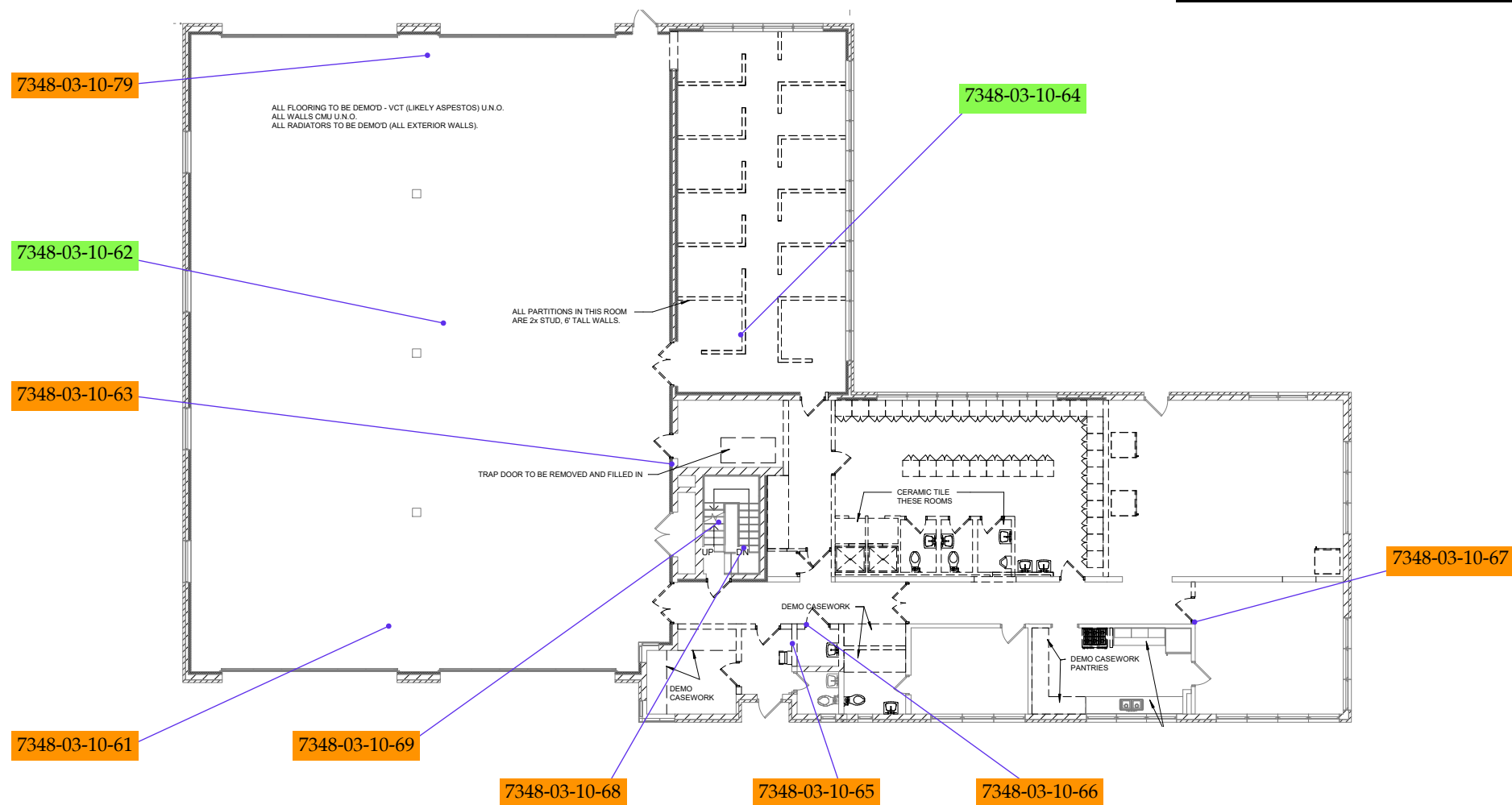
 Lead-Containing Paint

 Non Lead-Containing Paint

LEAD PAINT SAMPLE LOCATIONS,  
1st FLOOR, FIRE STATION 16,  
4111 KING'S HIGHWAY,  
DAYTON, OH

**HELIX**  
ENVIRONMENTAL, INC.

1 ELIZABETH PLACE, SUITE 160H  
DAYTON, OHIO 45417  
937-226-0650



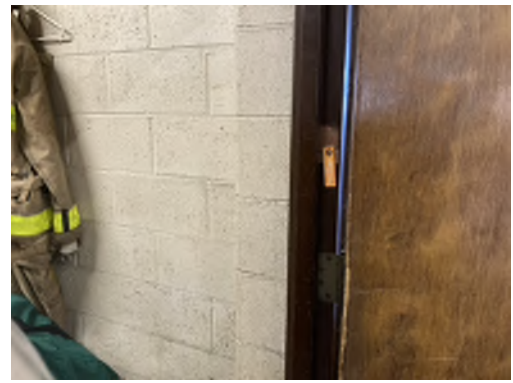




Sample 7348-03-10-61 with  
0.352% lead



Sample 7348-03-10-62 with no  
detectable lead



Sample 7348-03-10-63 with  
1.448% lead



Sample 7348-03-10-64 with no  
detectable lead



Sample 7348-03-10-65 with  
0.014% lead



Sample 7348-03-10-66 with  
0.704% lead



Sample 7348-03-10-69 with  
0.494% lead



Sample 7348-03-10-70 with  
2.142% lead



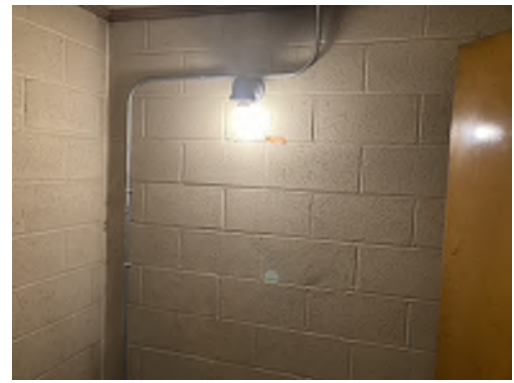
Sample 7348-03-10-71 with no  
detectable lead



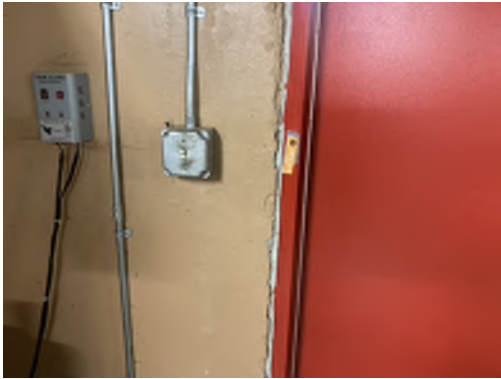
Sample 7348-03-10-72 with no detectable lead



Sample 7348-03-10-73 with no detectable lead



Sample 7348-03-10-74 with 0.086% lead



Sample 7348-03-10-75 with no detectable lead



Sample 7348-03-10-76 with no detectable lead



Sample 7348-03-10-77 with 1.707% lead



Sample 7348-03-10-79 with 0.026% lead