

Request for Bids
Racquetball Courts Demolition Project
Downtown Hendersonville, NC
November 5, 2021

Overview

The City of Hendersonville is seeking experienced demolition contractors to demolish racquetball courts, remove asphalt, concrete, trees, shrubbery, fencing (North, West, and South sides of the property), signage, etc. within Patton Park in Hendersonville, NC. The site is located between 1508 Asheville Highway and 1612 Asheville Highway, Hendersonville, NC.



Scope

The racquetball courts are approximately 3,696 sf with approximately 2,800 sf of asphalt parking, drive apron, and paths/walkways adjacent to the courts. Contractors are expected to demolish the building and foundation, asphalt, trees, stumps, shrubbery, fencing, signage, and remove from the site. The sidewalk on Asheville Highway will remain in place. A small amount of grading may be necessary where the large Pine Tree stumps are to be removed to protect the adjacent asphalt driveway.

Asbestos and lead paint testing have been completed and nothing was found. The reports are included with the RFQ.

Selection Process

Quotes should be submitted via email to Tom Wooten or hand delivered to 305 Williams Street (City Operation Center) in a sealed envelope with Racquetball Courts Demolition Project on the outside of the envelope by 12:00 PM on December 1, 2021. Email address is twooten@hvlnc.gov. The price for the work will be awarded on a lump sum basis.

1. The quote should include the following:
 - a. Name of Contractor
 - b. Address of Contractor
 - c. Email address
 - d. Daytime phone number
 - e. Price to complete the work as listed in the scope including all permit fees and disposal costs associated with the demolition.
 - f. Provide proof of insurance that meets or exceeds the City's insurance requirements (attached).
 - g. A copy of your NC General Contractor's License (if your quote is over \$30,000)
2. All questions should go to Tom Wooten at the twooten@hvlnc.gov or (828) 697-3084.

Project:

1. Obtain all necessary permits to complete the project.
 2. Mobilize equipment to site, complete the project, seed and straw bare areas for erosion control. Properly dispose of all materials from the project.
 3. The City will coordinate with Duke Energy to disconnect and drop the power lines serving the building.
 4. There is a water spigot at the site that can be used for dust control.
 5. Contractors can access the site at any time from the Patton Park parking lot at the end of E. Clairmont Street.
 6. The contractor should be prepared to complete the project later this year or early 2022.
3. The City reserves the right to reject any and all bids submitted, and to waive minor irregularities.
4. If awarded, the contract will be awarded to the lowest responsive, responsible bidder.
5. The successful bidder will be required to enter into a written contract in form acceptable to the City for the performance of the demolition work.

Site Photos:









**BUNNELL
LAMMONS
ENGINEERING**

November 5, 2021

Mr. Tom Wooten
Public Works Director
City of Hendersonville
305 Williams Street
Hendersonville, North Carolina 28792

Subject: **Report of Limited Asbestos Survey**
Patton Park Project Racquetball Court Demolition
Hendersonville, North Carolina
BLE Project No. J21-16973-01

Dear Mr. Wooten:

Bunnell-Lammons Engineering, Inc. (BLE) has completed our limited asbestos survey and sampling at the existing structure located at 1606 Asheville Highway in Hendersonville, North Carolina. Our services were performed in accordance with BLE proposal P21-2045 dated October 12, 2021 and authorized by you on the same date. This report describes the sampling procedures and presents the results of the laboratory analyses.

Project Information

Project information is based on correspondence with you and a recent site visit. The racquetball court facility located at 1606 Asheville Highway in Hendersonville, North Carolina is currently not in use and the facility is proposed to be razed. We understand that in preparation for the demolition, an asbestos survey is needed to determine the presence and general location of any asbestos containing material (ACM) in the building. Selected photographs taken during our site visit are attached.

The structure is an exterior four court racquetball facility that is an approximate 3,200 square feet in size. The structure appears to be supported on a shallow foundation system with a concrete grade slab. The walls consist of masonry with a skim coat in the interior walls and a brick façade on the exterior. The roof system consists of wooden trusses with a pre-painted ribbed metal sheet covering with similar metal trim along the eaves. The interior roof soffit is painted plywood. The doors leading into the courts consist of pre-painted flushed mounted steel doors. Lighting at the facility consisted of surface mounted exterior light fixtures. At the time of our site visit, the electricity had been turned off at the meter. There was also no plumbing in the structure.

Survey Procedures

BLE representative, Mr. Sam Interlicchia, performed the survey on October 21, 2021. The survey began with Mr. Interlicchia conducting a visual survey of the subject structure (i.e., walking through the structure and around the exterior observing accessible areas for the presence of suspect ACM). During our survey, both friable and non-friable suspect ACM were considered. Friable materials are those materials, which can be pulverized or reduced to powder by hand pressure. A sampling strategy was determined, and bulk samples were obtained. Suspect materials were grouped based on material homogeneity. A homogenous area is an area which contains materials that seem by texture, color, and wear to be uniform and applied during the same general time period.



In order to determine if suspect materials documented during our survey contained asbestos, bulk samples of the materials were obtained for laboratory analysis. Each bulk sample obtained was placed in an individual sealed container and labeled with a consecutive number, location, and date. A total of six (6) suspect bulk samples, with all six (6) collected samples containing two or more layers were collected during this survey. The samples collected are listed below:

Material Sampled	Location Sampled	Sample Number	Layers per Sample
wall material	interior court walls	1, 2, 3, 4, 5, & 6	2

Analysis Procedures

The six (6) bulk samples of suspect ACM were sent to and analyzed by EMSL Analytical, Inc., which is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk sample analysis and identification of asbestos. The samples were analyzed using Polarized Light Microscopy (PLM), coupled with Dispersion Staining as outlined in the Environmental Protection Agency's (EPA) method 600/R-93/116 method. PLM uses the unique crystallographic properties of the various crystalline forms to identify the asbestos mineral types: chrysotile, amosite, tremolite, crocidolite, anthophyllite, and actinolite. Once the mineral types are identified, their percentages are visually estimated. The bulk sample results are presented in the attached "Test Report: Asbestos Analysis of Bulk Materials", provided by the laboratory.

Analysis Results

Based on the laboratory analysis, no asbestos was detected in the bulk samples collected. Copies of the laboratory analysis results are attached.

Qualifications

This report summarizes BLE's evaluation of the conditions observed at the subject structure during the course of the limited visual survey. Please note that material colors observed and recorded are subject to variation, due to the light at the time of collection, sample preparation and the sampler's annotations. As such, color hue variations are possible. Our findings are based on our limited observations and analyses of the limited samples obtained at the time of this survey. Additional, undetected ACM may exist in other portions of the structure due to inaccessibility or due to an undetectable change in materials. Conditions discovered, which deviate from the data contained in this report, should be presented to us for further evaluation.

We appreciate this opportunity to provide our services to you. If you have any questions concerning this report, or if we may be of further assistance, please contact us.

Sincerely,
BUNNELL-LAMMONS ENGINEERING, INC.



Sam C. Intericchia
Project Manager
North Carolina Asbestos Inspector No.11630

Attachments:

Patton Park Project Racquetball Court Demolition

Hendersonville, North Carolina

BLE Project No. J21-16973-01


Sheet 1 of 5




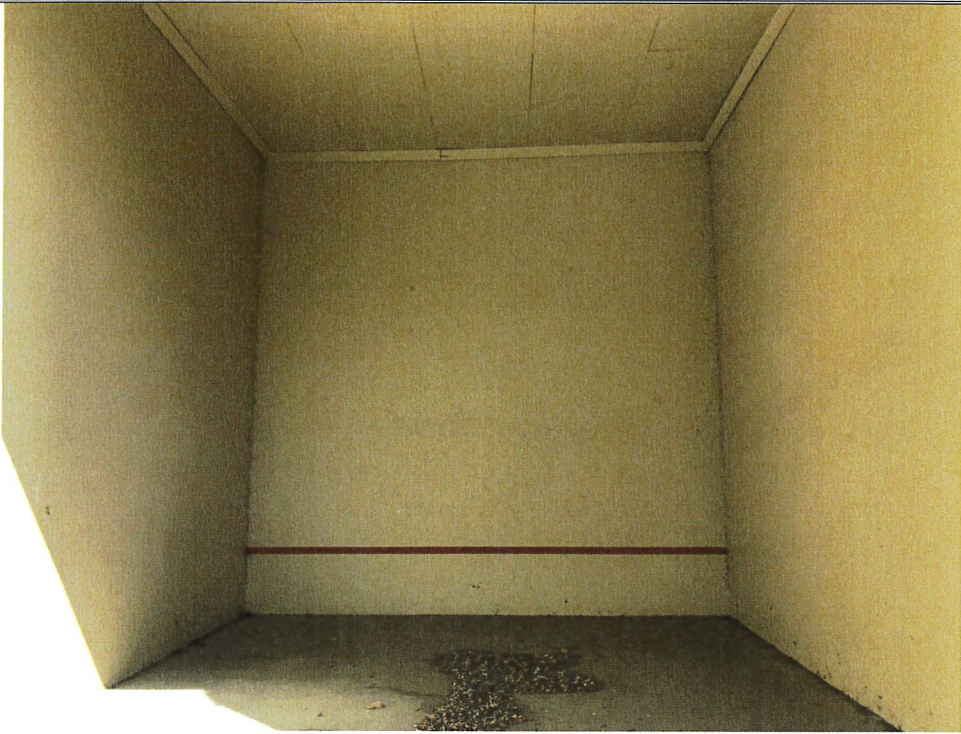
130 Oval Road


Suite 200


Arden, North Carolina 28704


		Date: Oct 21
		Photographer S. Interlicchia
1	Location / Orientation	West side of building
	Remarks	

		Date: Oct 21
		Photographer: S. Interlicchia
2	Location / Orientation	Northeast court looking east
	Remarks	Typical interior of courts

		Date: Oct 21
		Photographer: S. Interlicchia
3	Location / Orientation	Northeast court looking west toward interior wall
	Remarks	Typical interior of courts

		Date: Oct 21
		Photographer: S. Interlicchia
4	Location / Orientation	
	Remarks	Typical pre-painted metal door

		Date: Oct 21
		Photographer S. Interlicchia
5	Location / Orientation	Metal Roof
	Remarks	

		Date: Oct 21
		Photographer: S. Interlicchia
6	Location / Orientation	Wooden roof trusses
	Remarks	

Patton Park Project Racquetball Court Demolition

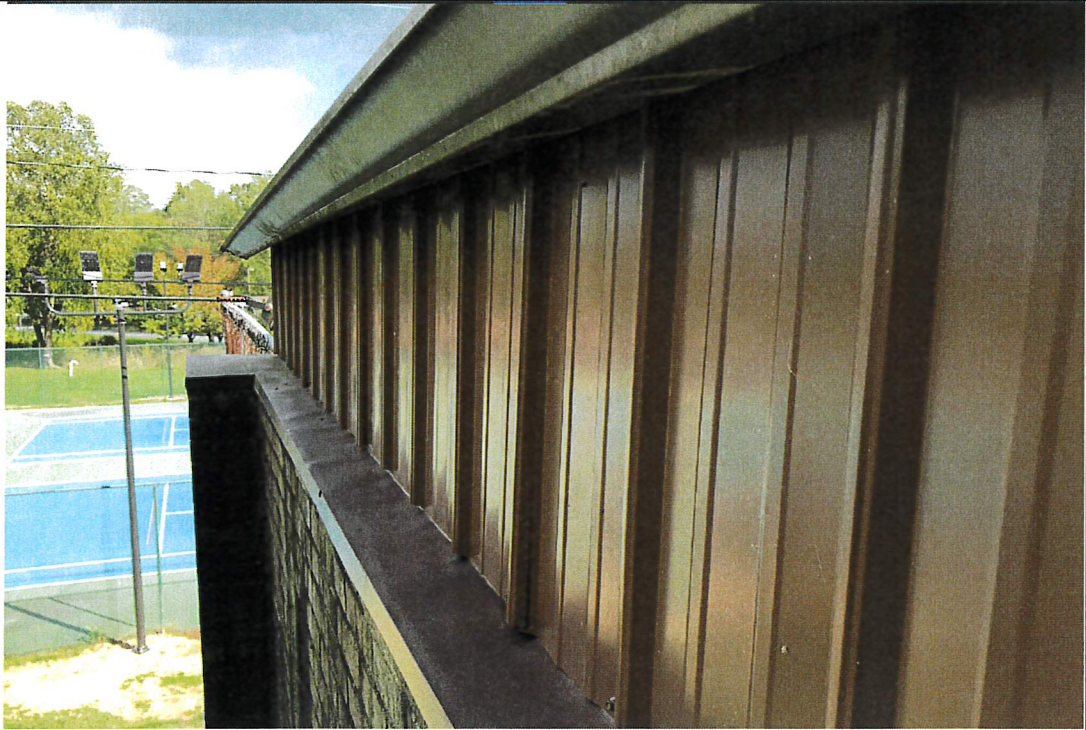
Hendersonville, North Carolina


BLE Project No. J21-16973-01


Sheet 4 of 5




130 Oval Road
Suite 200
Arden, North Carolina 28704

		Date: Oct 21
		Photographer: S. Interlicchia
7	Location / Orientation	Metal soffit siding
	Remarks	

		Date: Oct 21
		Photographer: S. Interlicchia
8	Location / Orientation	Typical exterior lighting for courts
	Remarks	

		Date: Oct 21
		Photographer S. Interlicchia
9	Location / Orientation	Pre-painted metal door frame
	Remarks	Masonry block interior with brick façade.

		Date: Oct 21
		Photographer: S. Interlicchia
10	Location / Orientation	Typical interior wall
	Remarks	Painted masonry block with skim coat and scrim

**EMSL Analytical, Inc.**

706 Galin Street Kernersville, NC 27284

Tel/Fax: (336) 992-1025 / (336) 992-4175

<http://www.EMSL.com/greensborolab@emsl.com>

EMSL Order: 022107878

Customer ID: BLE62A

Customer PO:

Project ID:

Attention: Sam Interlicchia
 Bunnell-Lammons Engineering, Inc. (BLE)
 130 Oval Road, Suite 200
 Arden, NC 28704

Phone: (828) 277-0100**Fax:****Received Date:** 10/27/2021 9:15 AM**Analysis Date:** 10/27/2021**Collected Date:****Project:** Patton Park Racquetball Court

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized
 Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
01-Skim Coat <i>022107878-0001</i>	Beige Filler with Scrim over Masonry	Tan Fibrous Heterogeneous	4% Glass	35% Quartz 61% Non-fibrous (Other)	None Detected
01-Rough Coat <i>022107878-0001A</i>	Beige Filler with Scrim over Masonry	Gray Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
02-Skim Coat <i>022107878-0002</i>	Beige Filler with Scrim over Masonry	Tan Non-Fibrous Heterogeneous	3% Glass	35% Quartz 62% Non-fibrous (Other)	None Detected
02-Rough Coat <i>022107878-0002A</i>	Beige Filler with Scrim over Masonry	Gray Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
03-Skim Coat <i>022107878-0003</i>	Beige Filler with Scrim over Masonry	Tan/Beige Non-Fibrous Heterogeneous	3% Glass	40% Quartz 57% Non-fibrous (Other)	None Detected
03-Rough Coat <i>022107878-0003A</i>	Beige Filler with Scrim over Masonry	Gray Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
04-Skim Coat <i>022107878-0004</i>	Beige Filler with Scrim over Masonry	Tan Non-Fibrous Homogeneous	3% Glass	35% Quartz 62% Non-fibrous (Other)	None Detected
04-Rough Coat <i>022107878-0004A</i>	Beige Filler with Scrim over Masonry	Gray Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
05-Skim Coat <i>022107878-0005</i>	Beige Filler with Scrim over Masonry	Tan Fibrous Heterogeneous	3% Glass	35% Quartz 62% Non-fibrous (Other)	None Detected
05-Rough Coat <i>022107878-0005A</i>	Beige Filler with Scrim over Masonry	Gray Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
06-Skim Coat <i>022107878-0006</i>	Beige Filler with Scrim over Masonry	Tan/Beige Non-Fibrous Homogeneous	3% Glass	40% Quartz 57% Non-fibrous (Other)	None Detected
06-Rough Coat <i>022107878-0006A</i>	Beige Filler with Scrim over Masonry	Gray Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected



EMSL Analytical, Inc.

706 Galin Street Kernersville, NC 27284

Tel/Fax: (336) 992-1025 / (336) 992-4175

<http://www.EMSL.com> / greensborolab@emsl.com

EMSL Order: 022107878

Customer ID: BLE62A

Customer PO:

Project ID:

Analyst(s)

Ryan Rains (8)

Scott Combs (4)

Stephen Bennett, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, Virginia 3333-000228, West Virginia LT000321

Initial report from: 10/29/2021 08:27:47



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

7878

EMSL Analytical, Inc.
706 Grafin Street

Kernersville, NC 27284
PHONE: (336) 992-1025
EMAIL: greensborolab@emsl.com

Customer Information	Customer ID:	Billing ID:
	Company Name: Bunnell-Lammons Engineering	Company Name: Bunnell-Lammons Engineering
	Contact Name: Sam Interlicchia	Billing Contact: Sam Interlicchia
	Street Address: 130 Oval Road, Suite 200	Street Address: 130 Oval Road, Suite 200
	City, State, Zip: Arden NC 28704 Country US	City, State, Zip: Arden NC 27704 Country: US
Phone: 8282770100	Phone: 8282770100	
Email(s) for Report: sam@blecorp.com	Email(s) for Invoice:	

Project Information	
Project Name/No: Patton Park Racquetball Court	Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)	US State where samples collected: NC
State of Connecticut (CT) must select project location:	
<input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	No. of Samples in Shipment: 6
Sampled By Name: Sam Interlicchia	Sampled By Signature: [Signature]

Turn-Around-Time (TAT)	
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 4-4.5 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 32 Hour <input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week	
TEM Air 3-4 Hour please call ahead to schedule 32 Hour TAT available for select tests only; samples must be submitted by 11:30 am	

PCM Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> NIOSH 7400 w/ 8hr TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) <input type="checkbox"/> POINT COUNT <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1,000 (<0.1%) POINT COUNT w/ GRAVIMETRIC <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1,000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NYS 198.1 (Friable - NY) <input type="checkbox"/> NYS 198.8 NOB (Non-Friable - NY) <input type="checkbox"/> NYS 198.8 (Vermiculite SM-V)	TEM - Air <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312* TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (Non-Friable-NY) <input type="checkbox"/> TEM EPA 600/R-93/116 w Milling Prep (0.1%)	TEM - Settled Dust <input type="checkbox"/> Microvac - ASTM D5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Qualitative via Filtration Prep <input type="checkbox"/> Qualitative via Drop Mount Prep Soil - Rock - Vermiculite (reporting limit)* <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep
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*Please call with your project-specific requirements.

<input type="checkbox"/> Positive Stop - Clearly Identified Homogeneous Areas (HA)	Filter Pore Size (Air Samples) <input type="checkbox"/> 0.8um <input type="checkbox"/> 0.45um
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Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area Description	Date / Time Sampled (Air Monitoring Only)
01	Northeast court (north wall)	beige filler with scrim over masonry	
02	Southeast court (north wall)	beige filler with scrim over masonry	
03	Southwest court (north wall)	beige filler with scrim over masonry	
04	Northeast court (west wall)	beige filler with scrim over masonry	
05	Northwest court (north wall)	beige filler with scrim over masonry	
06	southwest court (north wall)	beige filler with scrim over masonry	

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment: FEDEX 7750 3105 2843	Sample Condition Upon Receipt:
Relinquished by: Sam Interlicchia	Received by: NS
Date/Time: 10/26/21 3:00pm	Date/Time: 10/27/21 9:15
Relinquished by:	Received by:
Date/Time:	Date/Time:

Controlled Document - CQC-05 Asbestos R15 4/23/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.



November 5, 2021

Mr. Tom Wooten
Public Works Director
City of Hendersonville
305 Williams Street
Hendersonville, North Carolina 28792

Subject: **Report of Limited Lead Based Paint Sampling and Analysis**
Patton Park Project Racquetball Court Demolition
Hendersonville, North Carolina
BLE Project No. J21-16973-01

Dear Mr. Wooten:

Bunnell-Lammons Engineering, Inc. (BLE) has completed our limited sampling of the surface paint at the existing structure located at 1606 Asheville Highway in Hendersonville, North Carolina. Our services were performed in accordance with BLE proposal P21-2045 dated October 12, 2021 and authorized by you on the same date. This report describes the sampling procedures and presents the results of the laboratory analyses.

Project Information

Project information is based on correspondence with you and a recent site visit. The racquetball court facility located at 1606 Asheville Highway in Hendersonville, North Carolina is currently not in use and the facility is proposed to be razed. We understand that in preparation for the demolition that a lead-based paint survey is needed to gage the potential for the presence of any lead-based paint (LBP). Selected photographs taken during our site visit are attached.

The structure is an exterior four court racquetball facility that is an approximate 3,200 square feet in size. The structure appears to be supported on a shallow foundation system with a concrete grade slab. The walls consist of masonry with a skim coat in the interior walls and a brick façade on the exterior. The roof system consists of wooden trusses with a pre-painted ribbed metal sheet covering with similar metal trim along the eaves. The interior roof soffit is painted plywood. The doors leading into the courts consist of pre-painted flushed mounted steel doors. Lighting at the facility consisted of surface mounted exterior light fixtures. At the time of our site visit, the electricity had been turned off at the meter. There was also no plumbing in the structure.

Survey Procedures

BLE representative, Mr. Sam Interlicchia, performed the limited survey on October 21, 2021. The limited survey included a walk around the existing structure observing components that are in accessible areas for the presence of suspect Lead-Based Paint (LBP). This walk around included examinations of paint applied finished and allowed a sampling strategy to be determined. Chip samples of the surface paint were extracted until the underlying substrate surface was reached. The samples obtained were placed in individual sealed container and labeled with a consecutive number, the location, and the date. The



samples were then sent to EMSL Analytical, Inc. for identification and analysis. The paint chip samples were analyzed using EPA method SW846 3050B/7000B for lead based paint hazard identification.

A total of six (6) suspect bulk samples were collected during this limited survey. The samples collected and laboratory results are shown on the table below.

Sample No.	Sample Location	Paint Colors Observed	Substrate	Lead Concentration (% wt)
1	Northeast Court (north wall)	Tan/beige	masonry	<0.0080
2	Northeast Court (ceiling)	Tan/beige	wood	<0.0080
3	Southwest Court (ceiling)	Tan/beige	wood	<0.0080
4	Southeast Court (south wall)	Tan/beige	masonry	<0.0080
5	Southwest Court (south wall)	Tan/beige	masonry	<0.0080
6	(Northwest Court (west wall)	Tan/beige	masonry	<0.0080

Results of the laboratory analysis indicated that the paint chips collected did not contain lead above the generally recognized standard of 0.5% lead (Pb) by weight.

Qualifications

This report summarizes BLE's evaluation of the conditions observed at the subject structure during the course of the limited survey. Please note that material colors observed and recorded are subject to variation, due to the light at the time of collection, sample preparation and the sampler's annotations. As such, color hue variations are possible. Our findings are based on our limited observations and analyses of the limited samples obtained at the time of this survey. Lead Based Paint may exist undetected in other portions of the structure that were not sampled due to inaccessibility or due to an undetectable change in materials. Conditions discovered during demolition, which deviate from the data contained in this report, should be presented to us for further evaluation.

Closing

We appreciate this opportunity to provide our services to you. If you have any questions concerning this report, or if we may be of further assistance, please contact us.

Sincerely,

BUNNELL-DAMMONS ENGINEERING, INC.

Sam C. Interlicchia
Project Manager

Attachments:

Patton Park Project Racquetball Court Demolition

Hendersonville, North Carolina

BLE Project No. J21-16973-01


Sheet 1 of 5

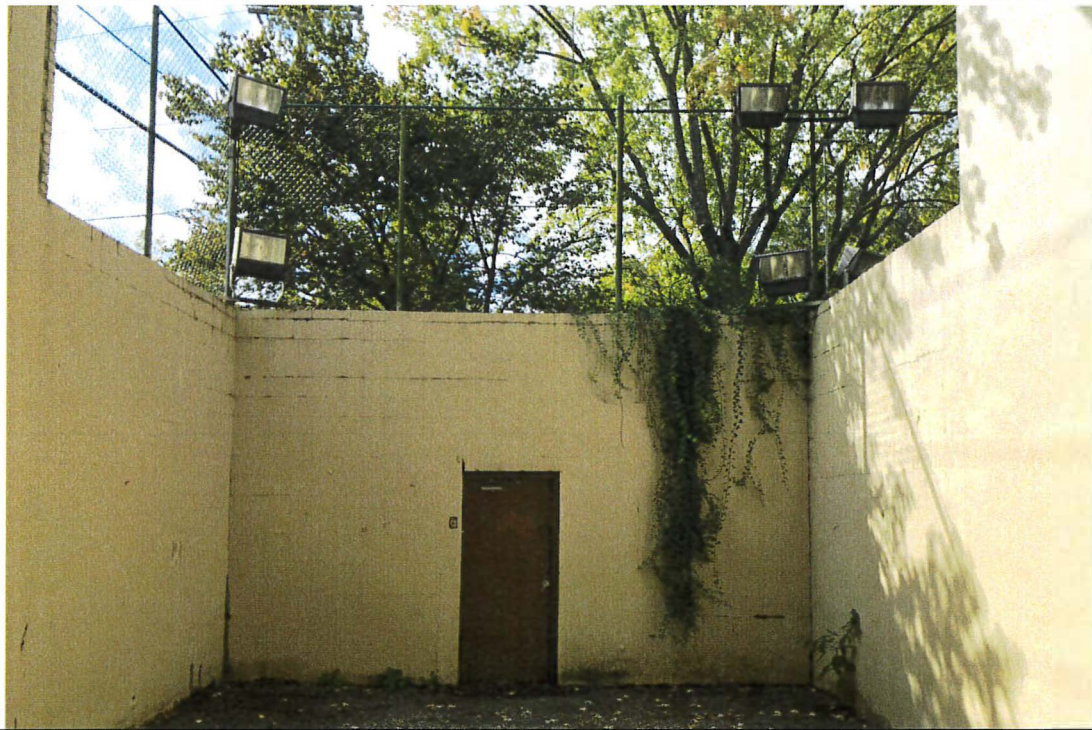


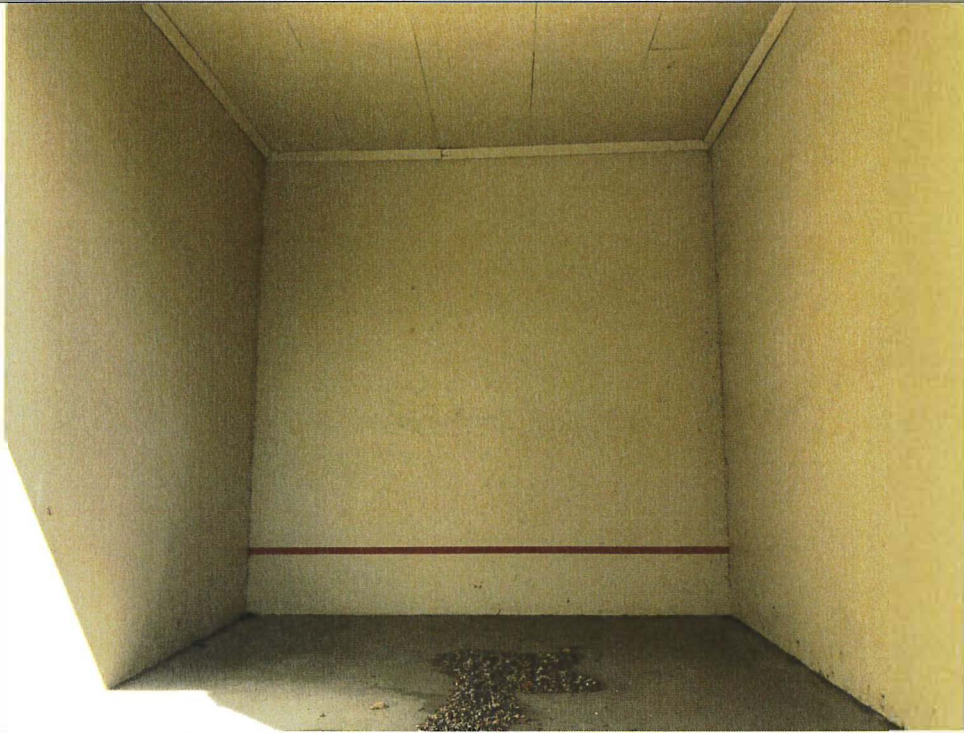
130 Oval Road


Suite 200

Arden, North Carolina 28704

		Date: Oct 21
		Photographer S. Interlicchia
1	Location / Orientation	West side of building
	Remarks	

		Date: Oct 21
		Photographer: S. Interlicchia
2	Location / Orientation	Northeast court looking east
	Remarks	Typical interior of courts

			Date: Oct 21
			Photographer S. Interlicchia
3	Location / Orientation	Northeast court looking west toward interior wall	
	Remarks	Typical interior of courts	

			Date: Oct 21
			Photographer: S. Interlicchia
4	Location / Orientation		
	Remarks	Typical pre-painted metal door	

Patton Park Project Racquetball Court Demolition

Hendersonville, North Carolina

BLE Project No. J21-16973-01


Sheet 3 of 5




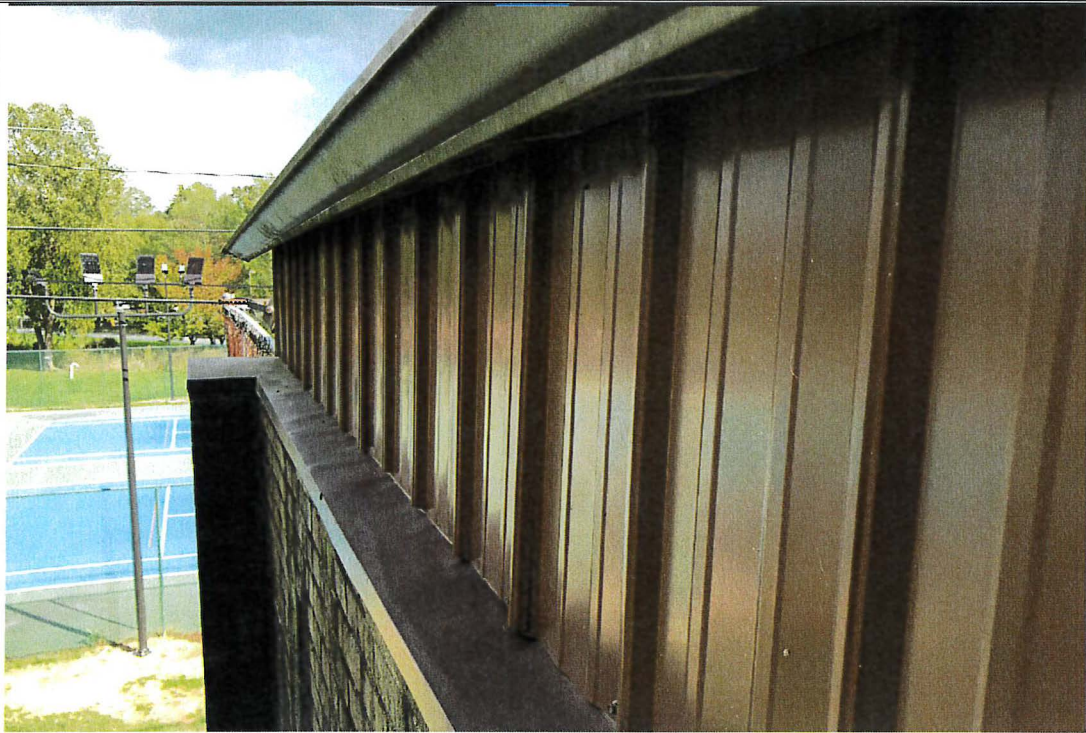
130 Oval Road

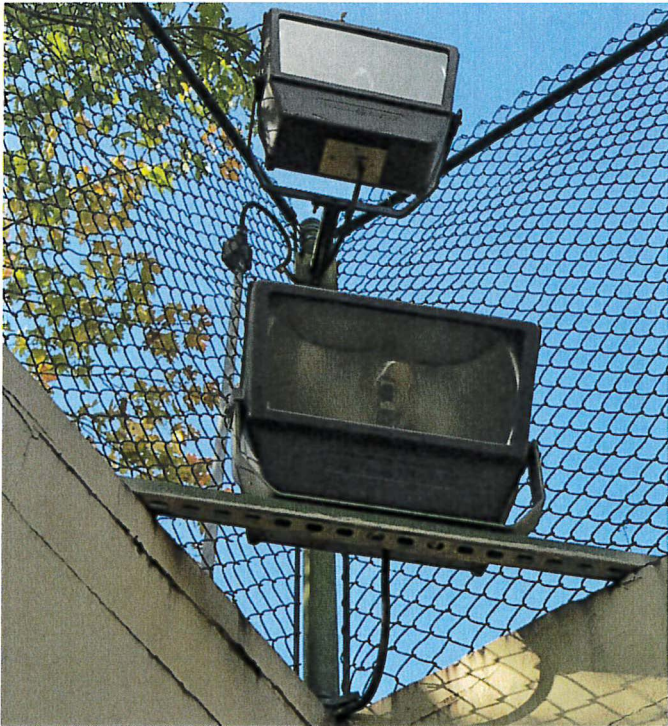
Suite 200


Arden, North Carolina 28704


		Date: Oct 21
		Photographer S. Interlicchia
5	Location / Orientation	Metal Roof
	Remarks	

		Date: Oct 21
		Photographer: S. Interlicchia
6	Location / Orientation	Wooden roof trusses
	Remarks	

			Date: Oct 21
Photographer S. Interlicchia			
7	Location / Orientation	Metal soffit siding	
	Remarks		

			Date: Oct 21
Photographer: S. Interlicchia			
8	Location / Orientation	Typical exterior lighting for courts	
	Remarks		

			Date: Oct 21
			Photographer S. Interlicchia
9	Location / Orientation	Pre-painted metal door frame	
	Remarks	Masonry block interior with brick façade.	

			Date: Oct 21
			Photographer: S. Interlicchia
10	Location / Orientation	Typical interior wall	
	Remarks	Painted masonry block with skim coat and scrim	

**EMSL Analytical, Inc.**

706 Gralin Street, Kernersville, NC 27284

Phone/Fax: (336) 992-1025 / (336) 992-4175

<http://www.EMSL.com>greensborolab@emsl.com

EMSL Order: 022107869

CustomerID: BLE62A

CustomerPO:

ProjectID:

Attn: **Sam Interlicchia**
Bunnell-Lammons Engineering, Inc. (BLE)
130 Oval Road, Suite 200
Arden, NC 28704

Phone: (828) 277-0100

Fax:

Received: 10/27/2021 09:15 AM

Collected: 10/21/2021

Project: **Patton Park Racquetball Court****Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)***

Client Sample Description	Lab ID	Collected	Analyzed	Weight	Lead
					Concentration
01Pb	022107869-0001	10/21/2021	10/28/2021	.2962 g	<0.0080 % wt
02Pb	022107869-0002	10/21/2021	10/28/2021	.3083 g	<0.0080 % wt
03Pb	022107869-0003	10/21/2021	10/28/2021	.2958 g	<0.0080 % wt
04Pb	022107869-0004	10/21/2021	10/28/2021	.2914 g	<0.0080 % wt
05Pb	022107869-0005	10/21/2021	10/28/2021	.2779 g	<0.0080 % wt
06Pb	022107869-0006	10/21/2021	10/28/2021	.3166 g	<0.0080 % wt

James Cole, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC EMSL Lab ID 102564 is accredited by the AIHA Laboratory Accreditation Program (AIHA-LAP), LLC in the Environmental Lead accreditation program for Lead in Paint Chips.

Initial report from 10/29/2021 07:59:42



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

7869

EMSL Analytical, Inc
706 Gralin Street

Kernersville, NC 27284
PHONE (336) 992-1025

EMAIL greensborolab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Bunnell-Lammons Engineering	Company Name:	Bunnell-Lammons Engineering
Contact Name:	Sam Interlicchia	Billing Contact:	Sam Interlicchia
Street Address:	130 Oval Road, Suite 200	Street Address:	130 Oval Road, Suite 200
City, State, Zip:	Arden NC 28704	City, State, Zip:	Arden NC 28704
Country:	US	Country:	US
Phone:	8282770100	Phone:	8282770100
Email(s) for Report:	sam@blecorp.com	Email(s) for Invoice:	

Project Information	
Project Name/No:	Patton Park Racquetball Court
EMSL LIMS Project ID: (if applicable, EMSL will provide)	
US State where samples collected:	NC
State of Connecticut (CT) must select project location:	<input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name:	Sam Interlicchia
Sampled By Signature:	
No. of Samples in Shipment:	6
Turn-Around-Time (TAT)	
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 32 Hour <input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week	
Please call ahead for large projects and/or turn around times 5 hours or less. *32 Hour TAT available for select tests only. Samples must be submitted by 11:30am.	

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input checked="" type="checkbox"/> by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input checked="" type="checkbox"/>
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	IC P-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
AIR	NIOSH 7300M / NIOSH 7303M NIOSH 7300M / NIOSH 7303M	IC POES IC P-MS	0.5µg/filter 0.05µg/filter	<input type="checkbox"/> <input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	IC POES	1.0µg/wipe	<input type="checkbox"/>
TCPLP	SW 846-1311 / 7000B / SM 3111B SW 846-1311 / SW 846-6010D*	Flame Atomic Absorption IC P-OES	0.4 mg/L (ppm) 0.1 mg/L (ppm)	<input type="checkbox"/> <input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B SW 846-1312 / SW 846-6010D*	Flame Atomic Absorption IC P-OES	0.4 mg/L (ppm) 0.1 mg/L (ppm)	<input type="checkbox"/> <input type="checkbox"/>
TTLC	22 CC RApp. II. 7000B 22 CC RApp. II. SW 846-6010D*	Flame Atomic Absorption ICP-OES	40mg/kg (ppm) 2mg/kg (ppm)	<input type="checkbox"/> <input type="checkbox"/>
STLC	22 C CRApp. II. 7000B 22 C CRApp. II. SW 846-6010D*	Flame Atomic Absorption ICP-OES	0.4 mg/L (ppm) 0.1 mg/L (ppm)	<input type="checkbox"/> <input type="checkbox"/>
Soil	SW 846-7000B SW 846-6010D*	Flame Atomic Absorption ICP-OES	40mg/kg (ppm) 2mg/kg (ppm)	<input type="checkbox"/> <input type="checkbox"/>
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Unpreserved <input type="checkbox"/>	EPA 200.7	IC POES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
Unpreserved <input type="checkbox"/>				<input type="checkbox"/>
Preserved with HNO3 <input type="checkbox"/> PH<2				<input type="checkbox"/>
TSP/SPM Filter	40 C FRPart 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
01 Pb	Northeast court (north wall)	Tan chips	10/21/21
02 Pb	Northeast court (ceiling)	Tan over wood	10/21/21
03 Pb	Southwest court (ceiling)	Tan over wood	10/21/21
04 Pb	Southeast court (south wall)	Tan chips	10/21/21
05 Pb	Southwest court (west wall)	Tan over Fillin/Masonry	10/21/21
Method of Shipment: <u>EX 77503 552843</u>		Sample Condition Upon Receipt:	
Relinquished by: Sam Interlicchia	Date/Time: 10/26/21 3:00	Received by: <u>M</u>	Date/Time: 10/27/21 9:15
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - C00-25 Lead R16 4/19/2021

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.



MINIMUM INSURANCE REQUIREMENTS

The Work under this Contract shall not commence until the Firm has obtained all required insurance and verifying certificates of insurance have been approved in writing by the City. The City shall be named as additional insured on all policies, except Worker's Compensation and Professional Liability policies. These certificates shall document that coverages afforded under the policies will not be cancelled until at least thirty (30) days after mailing written notice, by certified mail, return receipt requested, to the insured and the City of such cancellation. If endorsements are needed to comply with the notification or other requirements of this article copies of the endorsements shall be submitted with the certificates.

a. **Worker's Compensation and Employer's Liability**

The Firm shall provide and maintain, until final acceptance, workmen's compensation insurance, as required by law, as well as employer's liability coverage with minimum limits of \$100,000.

b. **Comprehensive General Liability Insurance**

The Firm shall provide and maintain, until final acceptance, comprehensive general liability insurance, including coverage for premises operations, independent contractors, completed operations, products and contractual exposures, as shall protect such contractors from claims arising out of any bodily injury, including accidental death, as well as from claims for property damages which may arise from operations under this contract, whether such operations be by the Firm or by any subcontractor, or by anyone directly or indirectly employed by either of them and the minimum limits of such insurance shall be as follows:

Bodily Injury: \$1,000,000 per occurrence / \$2,000,000 aggregate

Property Damage: \$100,000 per occurrence / \$300,000 aggregate

Or,

Bodily Injury and Property Damage, combined single limit (CSL): \$1,000,000 per occurrence / \$2,000,000 aggregate

Such coverage for completed operations must be maintained for at least two (2) years following final acceptance of the Work performed under the contract.

c. **Deductible**

Any deductible, if applicable to loss covered by insurance provided, is to be borne by the Firm.

d. **Other Insurance**

The Firm shall obtain such additional insurance as may be required by the City or by the General Statutes of North Carolina including motor vehicle insurance, in amounts not less than the statutory limits.

e. **Proof of Carriage**

The Firm shall furnish the City with satisfactory proof of carriage of the insurance required before written approval is granted by the City