

Introduction of contractor's air sampling on Building 110 basement project

GSA received from its demolition contractor the following reports analyzing air samples for lead, which were collected during the demolition project. This sampling was done to monitor airborne lead levels in the basement of Building 110 before, during, and after the contractor's work to ensure levels were within acceptable limits throughout the duration of the project.

The reports dated Oct. 31 and Nov. 1 represent background air samples; reports dated Nov. 5 through Nov. 8 represent air samples taken during demolition activities; the report dated Nov. 27 represents the clearance or final air sample.

All but one of the air samples taken and analyzed for lead were below the analytical method reporting limit. The one sample with a detectable amount of lead was taken Nov. 8. The sample resulted in a level of 2.6 micrograms of lead per cubic meter of air ($\mu\text{g}/\text{m}^3$), which appeared to have been a sample taken on a contractor's worker as they performed tasks during demolition. [OSHA's action level](#) for occupational exposure to lead is $30 \mu\text{g}/\text{m}^3$, so this sample was well below the OSHA action level.

As per the contractor's Site Specific Safety Plan for working in the controlled space, their workers involved in demolition wore personal protective equipment, including respirators, and critical barriers were erected to separate the work area environment from other areas of the basement.

The air sampling results indicate that the management of any airborne lead within the basement during the demolition work was effective. These results support the findings from GSA's monitoring during these activities.

SanAir Technologies Laboratory

Analysis Report

prepared for

ATON, LLC

Report Date: 10/31/2019
Project Name: Goodfellow
Project #: 161110
SanAir ID#: 19055964



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

ATON, LLC
2275 Cassens Drive
Suite 118
Fenton, MO 63026

October 31, 2019

SanAir ID # 19055964
Project Name: Goodfellow
Project Number: 161110

Dear Chris Brewer,

We at SanAir would like to thank you for the work you recently submitted. The 5 sample(s) were received on Wednesday, October 30, 2019 via FedEx. The final report(s) is enclosed for the following sample(s): 01, 02, 03, 04, 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,

(b) (6)

Abisola Kasali
Metals Laboratory Director
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
5 sample(s) in Good condition



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**Metals & Lead
 Chain of Custody**
 Form 70, Revision 10, 05/18/18

19055964
 SanAir ID Number
~~19055964~~

Company: ATON	Project #: 161110	Phone #: 636-349-0202
Address: 2275 Cassens Drive, Suite 118	Project Name: Goodfellow	Phone #:
City, St., Zip: Fenton, MO 63026	Date Collected: 10/29/2019	Fax #:
Samples Collected By: Chris Brewer	P.O. Number: GSA Bld 110 Duct	Email: chris@atonenv.com
Account #: 2575	U.S. State Collected in: MO	Email: claw@atonenv.com

Matrix Types

Metals Analysis Types

<input checked="" type="checkbox"/> Air (ug/m ³)	Total Concentration of Lead <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ICP-total concentration of metals (please list metals):		
<input type="checkbox"/> Wipe (ug/ft ²)	Total Concentration of RCRA 8 Metals <input type="checkbox"/>	Lead		
<input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Bulk (ug/g or ppm)	TCLP for Lead <input type="checkbox"/>			
<input type="checkbox"/> Other:	TCLP for RCRA 8 Metals <input type="checkbox"/>			
Turn Around Time	Same Day <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>	2 days <input type="checkbox"/>	3 Days <input type="checkbox"/>
	4 Days <input type="checkbox"/>	Standard (5 day) <input type="checkbox"/>	Other Test: <input type="checkbox"/>	

Sample #	Collection Date & Time	Sample Identification/Location	Flow Rate	Start Time	Stop Time	Volume (L) Area (Sq ft)
01	10/29/16 10:45am	Duct BG - F4 - Pb	4L	10:45am	12:45	480 L
02	" " 10:45am	Duct BG - B3 - Pb	4L	10:45am	12:45	480 L
03	" " 12:49	" " - L2 - Pb	4L	12:49	2:49pm	480 L
0	" " 12:53	" " - D7 - Pb	4L	12:53	2:53pm	480 L
	" " 1:50pm	" " - F11 - Pb	4L	1:50pm	3:30pm	480 L

Special Instructions Please report results in micrograms lead per 0.5 square feet (ug/ft²)

Relinquished by	Date	Time	Received by	Date	Time
(b) (6)	10/29/2019	4:04pm	(b) (6)	10/30/19	9:50am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

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SanAir ID Number
19055964
Final Report

email:iaq@sanair.com

Name: ATON, LLC
Address: 2275 Cassens Drive
Suite 118
Fenton, MO 63026

Project Number: 161110
P.O. Number:
Project Name: Goodfellow

Collected Date: 10/29/2019
Received Date: 10/30/2019 9:50 AM
Report Date: 10/31/2019 2:35 PM
Analyst David Ortega

Analyte Requested: Air : Lead (Pb)
Test Method: NIOSH 7303

REPORT OF ANALYSIS

Lab Sample #	Field Sample #	Analyte	Sample Description	Results in ug/M ³	8 Hr TWA (ug/M ³)
19055964-1	1	Lead (Pb)	Duct BG_F4_Pb (480L)	<5.21	<1.30
19055964-2	2	Lead (Pb)	Duct BG_B3_Pb (480L)	<5.21	<1.30
19055964-3	3	Lead (Pb)	Duct BG_L2_Pb (480L)	<5.21	<1.30
19055964-4	4	Lead (Pb)	Duct BG_D7_Pb (480L)	<5.21	<1.30
19055964-5	5	Lead (Pb)	Duct BG_F11_Pb (480L)	<5.21	<1.30

MRL: Method Reporting Limit based on <2.5ug/sample

Signature: (b) (6)
Date: 10/31/2019

Reviewed: (b) (6)
Date: 10/31/2019

Disclaimer

SanAir Technologies Laboratory, Inc. participates in the Environmental Lead Accreditation Program (ELAP) administered by AIHA-LAP, LLC (Lab ID162952). Refer to our accreditation certificate or 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.

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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. Results are not corrected for blanks.

SanAir Technologies Laboratory

Analysis Report

prepared for

ATON, LLC

Report Date: 11/1/2019
Project Name: Goodfellow
Project #: 161110
SanAir ID#: 19056204



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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ATON, LLC
2275 Cassens Drive
Suite 118
Fenton, MO 63026

November 1, 2019

SanAir ID # 19056204
Project Name: Goodfellow
Project Number: 161110

Dear Chris Brewer,

We at SanAir would like to thank you for the work you recently submitted. The 6 sample(s) were received on Thursday, October 31, 2019 via FedEx. The final report(s) is enclosed for the following sample(s): 01, 02, 03, 04, 05, 06.

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,

(b) (6)

Abisola Kasali
Metals Laboratory Director
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
6 sample(s) in Good condition



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**Metals & Lead
 Chain of Custody**
 Form 70, Revision 10, 05/18/18

SanAir ID Number
 19050204

Company: ATON	Project #: 161110	Phone #: 636-349-0202
Address: 2275 Cassens Drive, Suite 118	Project Name: Goodfellow	Phone #:
City, St., Zip: Fenton, MO 63026	Date Collected: 10/30/2019	Fax #:
Samples Collected By: Chris Brewer	P.O. Number: GSA Bid 110 Dist	Email: chris@atonenv.com
Account #: 2575	U.S. State Collected in: MO	Email: dan@atonenv.com

Matrix Types

Metals Analysis Types

<input checked="" type="checkbox"/> Air (ug/m ³)	Total Concentration of Lead <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ICP-total concentration of metals (please list metals):
<input type="checkbox"/> Wipe (ug/ft ²)	Total Concentration of RCRA 8 Metals	Lead
<input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Bulk (ug/g or ppm)	TCLP for Lead	
<input type="checkbox"/> Other:	TCLP for RCRA 8 Metals	
Turn Around Time	Same Day <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>
	4 Days <input type="checkbox"/>	Standard (5 day) <input type="checkbox"/>
	2 days <input type="checkbox"/>	3 Days <input type="checkbox"/>
	Other Test: <input type="checkbox"/>	

Sample #	Collection Date & Time	Sample Identification/Location	Flow Rate	Start Time	Stop Time	Volume (L) Area (Sq ft)
01	10/30/2019	BG - D14	4L	0720	0920	480
02	"	BG - H12	4L	0720	0920	480
03	"	BG - H16	4L	0720	0920	480
04	"	BG - M17	"	0930	1130	480
05	"	BG - L14	"	0930	1130	480
06	"	BG - N11	"	0930	1130	480

Special Instructions Please report results in micrograms lead per 0.5 square feet (ug/ft²)

Relinquished by	Date	Time	Received by	Date	Time
(b) (6)	11/30/2019	1400	(b) (6)	10-31-19	10:20 am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

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SanAir ID Number
19056204
Final Report

email:iaq@sanair.com

Name: ATON, LLC
Address: 2275 Cassens Drive
Suite 118
Fenton, MO 63026

Project Number: 161110
P.O. Number:
Project Name: Goodfellow

Collected Date: 10/30/2019
Received Date: 10/31/2019 10:20 AM
Report Date: 11/1/2019 8:57 AM
Analyst David Ortega

Analyte Requested: Air : Lead (Pb)
Test Method: NIOSH 7303

REPORT OF ANALYSIS

Lab Sample #	Field Sample #	Analyte	Sample Description	Results in ug/M ³	8 Hr TWA (ug/M ³)
19056204-1	01	Lead (Pb)	BG-D14 (480L)	<5.21	<1.30
19056204-2	02	Lead (Pb)	BG-H12 (480L)	<5.21	<1.30
19056204-3	03	Lead (Pb)	BG-H16 (480L)	<5.21	<1.30
19056204-4	04	Lead (Pb)	BG-M17 (480L)	<5.21	<1.30
19056204-5	05	Lead (Pb)	BG-L14 (480L)	<5.21	<1.30
19056204-6	06	Lead (Pb)	BG-N11 (480L)	<5.21	<1.30

MRL: Method Reporting Limit based on <2.5ug/sample

Signature: (b) (6)
Date: 10/31/2019

Reviewed: (b) (6)
Date: 10/31/2019

Disclaimer

SanAir Technologies Laboratory, Inc. participates in the Environmental Lead Accreditation Program (ELAP) administered by AIHA-LAP, LLC (Lab ID162952). Refer to our accreditation certificate or 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.

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SanAir Technologies Laboratory

Analysis Report

prepared for

ATON, LLC

Report Date: 11/5/2019
Project Name: Goodfellow
Project #: 161110
SanAir ID#: 19056766



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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ATON, LLC
2275 Cassens Drive
Suite 118
Fenton, MO 63026

November 5, 2019

SanAir ID # 19056766
Project Name: Goodfellow
Project Number: 161110

Dear Chris Brewer,

We at SanAir would like to thank you for the work you recently submitted. The 4 sample(s) were received on Monday, November 04, 2019 via FedEx. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4.

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,

(b) (6)

Abisola Kasali
Metals Laboratory Director
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

4 sample(s) in Good condition



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**Metals & Lead
 Chain of Custody**
 Form 70, Revision 10, 05/18/18

SanAir ID Number
 19056766

Company: ATON	Project #: 161110	Phone #: 636-349-0202
Address: 2275 Cassens Drive, Suite 118	Project Name: Goodfellow	Phone #:
City, St., Zip: Fenton, MO 63026	Date Collected: 10/31/2019	Fax #:
Samples Collected By: Chris Brewer (b) (6)	P.O. Number: 634 Goodfellow	Email: chris@atonenv.com
Account #: 2575	U.S. State Collected in: MO	Email: data@atonenv.com

Matrix Types

Metals Analysis Types

<input checked="" type="checkbox"/> Air (ug/m ³)	Total Concentration of Lead <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ICP-total concentration of metals (please list metals):
<input type="checkbox"/> Wipe (ug/ft ²)	Total Concentration of RCRA 8 Metals <input type="checkbox"/>	Lead
<input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Bulk (ug/g or ppm)	TCLP for Lead <input type="checkbox"/>	
<input type="checkbox"/> Other:	TCLP for RCRA 8 Metals <input type="checkbox"/>	
Turn Around Time	Same Day <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>
	4 Days <input type="checkbox"/>	2 days <input type="checkbox"/>
	Standard (5 day) <input type="checkbox"/>	3 Days <input type="checkbox"/>
		Other Test: <input type="checkbox"/>

Sample #	Collection Date & Time	Sample Identification/Location	Flow Rate	Start Time	Stop Time	Volume (L) Area (Sq ft)
1	10/31/2019	A01-1P	2.5L	0730	1545	1,237.5
2	10/31/2019	A01-264	2.5L	0725	1545	1,250
3	"	A01-3514	"	0725	1545	1,250
4	"	A01-4B6	"	0744	1545	1,200

Special Instructions Please report results in micrograms lead per 0.5 square feet (ug/ft²)

Relinquished by	Date	Time	Received by	Date	Time
(b) (6)	10/31/2019	5:50pm	(b) (6)	11/4/19	9:00am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

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SanAir ID Number
19056766
Final Report

email:iaq@sanair.com

Name: ATON, LLC
Address: 2275 Cassens Drive
Suite 118
Fenton, MO 63026

Project Number: 161110
P.O. Number: GSA Goodfellow
Project Name: Goodfellow

Collected Date: 10/31/2019
Received Date: 11/4/2019 9:00 AM
Report Date: 11/5/2019 3:45 PM
Analyst David Ortega

Analyte Requested: Air : Lead (Pb)
Test Method: NIOSH 7303

REPORT OF ANALYSIS

Lab Sample #	Field Sample #	Analyte	Sample Description	Results in ug/M ³	8 Hr TWA (ug/M ³)
19056766-1	1	Lead (Pb)	A01-1P (1237.5L)	<2.02	<2.08
19056766-2	2	Lead (Pb)	A01-2G4 (1250L)	<2.00	<2.08
19056766-3	3	Lead (Pb)	A01-3S14 (1250L)	<2.00	<2.08
19056766-4	4	Lead (Pb)	A01-4B6 (1200L)	<2.08	<2.08

MRL: Method Reporting Limit based on <2.5ug/sample

Signature: (b) (6)
Date: 11/5/2019

Reviewed: (b) (6)
Date: 11/5/2019

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SanAir Technologies Laboratory

Analysis Report

prepared for

ATON, LLC

Report Date: 11/6/2019
Project Name: Goodfellow BID 10
Project #: 161110
SanAir ID#: 19057031



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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Web: <http://www.sanair.com> E-mail: iaq@sanair.com

ATON, LLC
2275 Cassens Drive
Suite 118
Fenton, MO 63026

November 6, 2019

SanAir ID # 19057031
Project Name: Goodfellow BID 10
Project Number: 161110

Dear Chris Brewer,

We at SanAir would like to thank you for the work you recently submitted. The 4 sample(s) were received on Tuesday, November 05, 2019 via FedEx. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4.

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,

(b) (6)

Abisola Kasali
Metals Laboratory Director
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
4 sample(s) in Good condition



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**Metals & Lead
 Chain of Custody**
 Form 70, Revision 10, 05/18/18

SanAir ID Number
 19057031

Company: ATON	Project #: 161110	Phone #: 636-349-0202
Address: 2275 Cassens Drive, Suite 118	Project Name: Goodfellow BID 10	Phone #:
City, St., Zip: Fenton, MO 63026	Date Collected: 11/4/2019	Fax #:
Samples Collected By: Chris Brewer	P.O. Number: Vasquez	Email: chris@atonenv.com
Account #: 2575	U.S. State Collected in: MO	Email: das@atonenv.com

Matrix Types

Metals Analysis Types

<input checked="" type="checkbox"/> Air (ug/m ³)	Total Concentration of Lead <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ICP-total concentration of metals (please list metals): Lead
<input type="checkbox"/> Wipe (ug/ft ²)	Total Concentration of RCRA 8 Metals <input type="checkbox"/>	
<input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Bulk (ug/g or ppm)	TCLP for Lead <input type="checkbox"/>	
<input type="checkbox"/> Other:	TCLP for RCRA 8 Metals <input type="checkbox"/>	
Turn Around Time	Same Day <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>
	4 Days <input type="checkbox"/>	Standard (5 day) <input type="checkbox"/>
		2 days <input type="checkbox"/>
		3 Days <input type="checkbox"/>
		Other Test: <input type="checkbox"/>

Sample #	Collection Date & Time	Sample Identification/Location	Flow Rate	Start Time	Stop Time	Volume (L) Area (Sq ft)
1	11/4/19	A03-25P	2.5L	0715	1515	1200
2	11/4/19	A03-26B6	2.5L	0715	1515	1200
3	11/4/19	A03-27K15	2.5L	0715	1515	1200
4	11/4/19	A03-28	2.5L	0715	1515	1200

Special Instructions Please report results in micrograms lead per 0.5 square feet (ug/ft²)

Relinquished by	Date	Time	Received by	Date	Time
(b) (6)	11/4/2019	1620	(b) (6)	11/5/19	10:00am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Page 1 of 1



SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free 888.895.1177 Fax: 804.897.0070
www.sanair.com

SanAir ID Number
19057031
Final Report

email:iaq@sanair.com

Name: ATON, LLC
Address: 2275 Cassens Drive
Suite 118
Fenton, MO 63026

Project Number: 161110
P.O. Number: Vasquez
Project Name: Goodfellow Bid 110

Collected Date: 11/4/2019
Received Date: 11/5/2019 10:00 AM
Report Date: 11/6/2019 10:26 AM
Analyst David Ortega

Analyte Requested: Air : Lead (Pb)
Test Method: NIOSH 7303

REPORT OF ANALYSIS

Lab Sample #	Field Sample #	Analyte	Sample Description	Results in ug/M ³	8 Hr TWA (ug/M ³)
19057031-1	1	Lead (Pb)	A03-25P (1200L)	<2.08	<2.08
19057031-2	2	Lead (Pb)	A03-2GB6 (1200L)	<2.08	<2.08
19057031-3	3	Lead (Pb)	A03-27k15 (1200L)	<2.08	<2.08
19057031-4	4	Lead (Pb)	A03-28 (1200L)	<2.08	<2.08

MRL: Method Reporting Limit based on <2.5ug/sample

Signature: (b) (6)
Date: 11/5/2019

Reviewed: (b) (6)
Date: 11/5/2019

Disclaimer

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SanAir Technologies Laboratory

Analysis Report

prepared for

ATON, LLC

Report Date: 11/7/2019
Project Name: Goodfellow Bld 110
Project #: 161110
SanAir ID#: 19057273



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

ATON, LLC
2275 Cassens Drive
Suite 118
Fenton, MO 63026

November 7, 2019

SanAir ID # 19057273
Project Name: Goodfellow Bld 110
Project Number: 161110

Dear DB,

We at SanAir would like to thank you for the work you recently submitted. The 4 sample(s) were received on Wednesday, November 06, 2019 via FedEx. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4.

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,

(b) (6)

Abisola Kasali
Metals Laboratory Director
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
4 sample(s) in Good condition



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 Fax 804.897.0070
 sanair.com

**Metals & Lead
 Chain of Custody**
 Form 70, Revision 10, 05/18/18

SanAir ID Number
 19057273

Company: ATON	Project #: 161110	Phone #: 636-349-0202
Address: 2275 Cassens Drive, Suite 118	Project Name: Goodfellow Bld 110	Phone #:
City, St., Zip: Fenton, MO 63026	Date Collected: 11/5/2019	Fax #:
Samples Collected By: Chris Brewer (b) (6)	P.O. Number: Dust Removal	Email: chris@atonenv.com
Account #: 2575	U.S. State Collected in: MO	Email: davis@atonenv.com

Matrix Types

Metals Analysis Types

<input checked="" type="checkbox"/> Air (ug/m ³)	Total Concentration of Lead <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ICP-total concentration of metals (please list metals):
<input type="checkbox"/> Wipe (ug/ft ²)	Total Concentration of RCRA 8 Metals <input type="checkbox"/>	Lead
<input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Bulk (ug/g or ppm)	TCLP for Lead <input type="checkbox"/>	
<input type="checkbox"/> Other:	TCLP for RCRA 8 Metals <input type="checkbox"/>	
Turn Around Time	Same Day <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>
	4 Days <input type="checkbox"/>	Standard (5 day) <input type="checkbox"/>
		2 days <input type="checkbox"/>
		3 Days <input type="checkbox"/>
		Other Test: <input type="checkbox"/>

Sample #	Collection Date & Time	Sample Identification/Location	Flow Rate	Start Time	Stop Time	Volume (L) Area (Sq ft)
1	11/5/2019	A04-36P	2.5L	0715	1515	1,200
2	11/5/2019	A04-37BG	2.5L	0715	1515	1,200
3	11/5/2019	A04-38E8	2.5L	0715	1515	1,200
4	11/5/2019	A04-39J14	2.5L	0715	1515	1,200

Special Instructions Please report results in micrograms lead per 0.5 square feet (ug/ft²)

Relinquished by	Date	Time	Received by	Date	Time
(b) (6)	11/5/2019	1620	(b) (6)	11/6/19	9:25am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Page 1 of 1



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SanAir ID Number
19057273
Final Report

email:iaq@sanair.com

Name: ATON, LLC
Address: 2275 Cassens Drive
Suite 118
Fenton, MO 63026

Project Number: 161110
P.O. Number: Duct Removed
Project Name: Goodfellow Bid 110

Collected Date: 11/5/2019
Received Date: 11/6/2019 9:25 AM
Report Date: 11/7/2019 9:00 AM
Analyst: David Ortega

Analyte Requested: Air : Lead (Pb)
Test Method: NIOSH 7303

REPORT OF ANALYSIS

Lab Sample #	Field Sample #	Analyte	Sample Description	Results in ug/M ³	8 Hr TWA (ug/M ³)
19057273-1	1	Lead (Pb)	A04-36P (1200L)	<2.08	<2.08
19057273-2	2	Lead (Pb)	A04-37B6 (1200L)	<2.08	<2.08
19057273-3	3	Lead (Pb)	A04-38E8 (1200L)	<2.08	<2.08
19057273-4	4	Lead (Pb)	A04-39J14 (1200L)	<2.08	<2.08

MRL: Method Reporting Limit based on <2.5ug/sample

Signature: (b) (6)
Date: 11/6/2019

Reviewed: (b) (6)
Date: 11/6/2019

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SanAir Technologies Laboratory

Analysis Report

prepared for

ATON, LLC

Report Date: 11/8/2019
Project Name: Goodfellow
Project #: 161110
SanAir ID#: 19056908



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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ATON, LLC
2275 Cassens Drive
Suite 118
Fenton, MO 63026

November 8, 2019

SanAir ID # 19056908
Project Name: Goodfellow
Project Number: 161110

Dear Chris Brewer,

We at SanAir would like to thank you for the work you recently submitted. The 4 sample(s) were received on Monday, November 04, 2019 via FedEx. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4.

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,

(b) (6)

Abisola Kasali
Metals Laboratory Director
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

4 sample(s) in Good condition



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 Fax 804.897.0070
 sanair.com

Metals & Lead
Chain of Custody
 Form 70, Revision 10, 05/18/18

SanAir ID Number
 19056908

Company: ATON	Project #: 161110	Phone #: 636-349-0202
Address: 2275 Cassens Drive, Suite 118	Project Name: Goodfellow	Phone #:
City, St., Zip: Fenton, MO 63026	Date Collected: 11/1/2019	Fax #:
Samples Collected By: Chris Brewer	P.O. Number: BID 110 Part Removal	Email: chris@atonenv.com
Account #: 2575	U.S. State Collected in: MO	Email: dan@atonenv.com

Matrix Types

Metals Analysis Types

<input checked="" type="checkbox"/> Air (ug/m ³)	Total Concentration of Lead <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ICP-total concentration of metals (please list metals): Lead
<input type="checkbox"/> Wipe (ug/ft ²)	Total Concentration of RCRA 8 Metals <input type="checkbox"/>	
<input type="checkbox"/> Paint <input type="checkbox"/> Soil <input type="checkbox"/> Bulk (ug/g or ppm)	TCLP for Lead <input type="checkbox"/>	
<input type="checkbox"/> Other:	TCLP for RCRA 8 Metals <input type="checkbox"/>	
Turn Around Time	Same Day <input type="checkbox"/>	Other Test:
	4 Days <input type="checkbox"/>	
	1 Day <input checked="" type="checkbox"/>	2 days <input type="checkbox"/>
	<input checked="" type="checkbox"/> Standard (5 day)	3 Days <input type="checkbox"/>

Sample #	Collection Date & Time	Sample Identification/Location	Flow Rate	Start Time	Stop Time	Volume (L) Area (Sq ft)
1	11/1/2019	A02-16P	2.5L	0715	1515	1,200
2	11/1/2019	A02-17FG	2.5L	0715	1515	1,200
3	11/1/2019	A02-18K13	2.5L	0715	1515	1,200
4	11/1/2019	A02-19B16	2.5L	0715	1515	1,200

Special Instructions Please report results in micrograms lead per 0.5 square feet (ug/ft²)

Relinquished by	Date	Time	Received by	Date	Time
(b) (6)	11/1/2019	1630	(b) (6)	11/1/19	9:00am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Page 1 of 1



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SanAir ID Number
19056908
Final Report

email:iaq@sanair.com

Name: ATON, LLC
Address: 2275 Cassens Drive
Suite 118
Fenton, MO 63026

Project Number: 161110
P.O. Number: Bld 110 Duct Rem
Project Name: Goodfellow

Collected Date: 11/1/2019
Received Date: 11/4/2019 9:00 AM
Report Date: 11/8/2019 9:25 AM
Analyst David Ortega

Analyte Requested: Air : Lead (Pb)
Test Method: NIOSH 7303

REPORT OF ANALYSIS

Lab Sample #	Field Sample #	Analyte	Sample Description	Results in ug/M ³	8 Hr TWA (ug/M ³)
19056908-1	1	Lead (Pb)	A02-16P (1200L)	2.60	2.60
19056908-2	2	Lead (Pb)	A02-17F6 (1200L)	<2.08	<2.08
19056908-3	3	Lead (Pb)	A02-18K13 (1200L)	<2.08	<2.08
19056908-4	4	Lead (Pb)	A02-19B16 (1200L)	<2.08	<2.08

MRL: Method Reporting Limit based on <2.5ug/sample

Signature: (b) (6)
Date: 11/5/2019

Reviewed: (b) (6)
Date: 11/5/2019

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SanAir Technologies Laboratory

Analysis Report

prepared for

ATON, LLC

Report Date: 11/27/2019
Project Name: Goodfellow
Project #: 161110
SanAir ID#: 19060987



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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ATON, LLC
2275 Cassens Drive
Suite 118
Fenton, MO 63026

November 27, 2019

SanAir ID # 19060987
Project Name: Goodfellow
Project Number: 161110

Dear Doug Ball,

We at SanAir would like to thank you for the work you recently submitted. The 2 sample(s) were received on Wednesday, November 27, 2019 via FedEx. The final report(s) is enclosed for the following sample(s): C01, C02.

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,

(b) (6)

Abisola Kasali
Metals Laboratory Director
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

2 sample(s) in Good condition



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**Metals & Lead
 Chain of Custody**
 Form 70, Revision 10, 05/18/18

SanAir ID Number
 14060987

Company: ATON	Project #: 161110	Phone #: 636-349-0202
Address: 2275 Cassens Drive, Suite 118	Project Name: Goodfellow	Phone #:
City, St., Zip: Fenton, MO 63026	Date Collected: 11/26/2019	Fax #:
Samples Collected By: Chris Brewer <i>Davis Bell</i>	P.O. Number:	Email: Chris@atonenv.com
Account #: 2575	U.S. State Collected in: MO	Email:

Matrix Types

Metals Analysis Types

<input checked="" type="checkbox"/> Air (ug/m ³)	Total Concentration of Lead <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ICP-total concentration of metals (please list metals):
Wipe (ug/ft ²)	Total Concentration of RCRA 8 Metals	Lead
Paint <input type="checkbox"/> Soil <input type="checkbox"/> Bulk (ug/g or ppm)	TCLP for Lead	
Other:	TCLP for RCRA 8 Metals	
Turn Around Time	Same Day <input checked="" type="checkbox"/>	1 Day <input type="checkbox"/>
	4 Days <input type="checkbox"/>	2 days <input type="checkbox"/>
	Standard (5 day) <input type="checkbox"/>	3 Days <input type="checkbox"/>
		Other Test: <input type="checkbox"/>

Sample #	Collection Date & Time	Sample Identification/Location	Flow Rate	Start Time	Stop Time	Volume (L) Area (Sq ft)
C01	11/26/2019	GF-F5CLR	15L	0845	1015	1350
C02	11/26/2019	GF-J14CLR	15L	0850	1020	1350

Special Instructions Please report results in micrograms lead per 0.5 square feet (ug/ft²)

Relinquished by	Date	Time	Received by	Date	Time
(b) (6)	11/26/2019	1600	(b) (6)	11-27-19	11 00am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.



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www.sanair.com

email:iaq@sanair.com

SanAir ID Number

19060987

Final Report

Name: ATON, LLC
Address: 2275 Cassens Drive
Suite 118
Fenton, MO 63026

Project Number: 161110
P.O. Number:
Project Name: Goodfellow

Collected Date: 11/26/2019
Received Date: 11/27/2019 11:00 AM
Report Date: 11/27/2019 4:00 PM
Analyst: Marti Baird

Analyte Requested: Air : Lead (Pb)
Test Method: NIOSH 7303

REPORT OF ANALYSIS

Lab Sample #	Field Sample #	Analyte	Sample Description	Results in ug/M ³	8 Hr TWA (ug/M ³)
19060987-1	C01	Lead (Pb)	GF_F5CLR (1350L)	<1.85	<.347
19060987-2	C02	Lead (Pb)	GF_J14CLR (1350L)	<1.85	<.347

MRL: Method Reporting Limit based on <2.5ug/sample

Signature: (b) (6)
Date: 11/27/2019

Reviewed: (b) (6)
Date: 11/27/2019

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