Columbus

Cleveland

Dayton

May 24, 2022

Mr. Brian Peck Environmental Specialist ODOT District 4 2088 South Arlington Road, Akron, Ohio 44306-4243 330-786-4931 (office)

Subject: Asbestos Inspection of MAH-680-1073L (SFN #5007712/PID 103883) I-680 Bridge

over Mathews Road in Youngstown, OH 44514 (L&A 20-0076)

Brian Peck:

On April 17, 2022, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) and Mr. Will Arnold (AHES OH#545305) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAH-680-1073L (SFN #5007712/PID 103883) I-680 Bridge over Mathews Road in Youngstown, OH 44514. The purpose of the survey was to determine the presence of asbestos-containing materials (ACM) located on the structure.

The survey consisted of an inspection of all accessible areas of the bridge to determine the presence, location and quantities of asbestos-containing materials. Bulk samples were collected from suspect materials that could potentially be impacted during demolition/renovation work activities. Energized electrical components, utility conduits, and materials encased in concrete were not sampled as part of this effort. A diagram of the bridge and asbestos bulk sampling locations can be found in Appendix B. All available bridge plans were reviewed for this bridge and no asbestos containing materials were listed.

### **Suspect Materials**

The materials suspected of being asbestos-containing identified during the survey are presented in Table 1 along with an indication of their friability.

**Table 1: Suspected Materials** 

Material	Locations	Friability
Paint on Steel	Below Deck	Non-Friable
Paint on Concrete	Above / Below Deck	Non-Friable
Reflector Caulking	Above Deck	Non-Friable
Parapet Expansion Joint	Above Deck	Non-Friable

### Sample Descriptions, Locations and Results

Sample descriptions, locations, and asbestos content as determined by Polarized Light Microscopy (PLM) are presented in Table 2.

1441 King Avenue | Columbus, Ohio 43212 | P: 614.481.8600 | F: 614.481.8610 | www.lawhon-assoc.com

Table 2: Sample Descriptions, Locations and Results

Sample #	Sample # Sample Description and Location						
1	Paint on Steel - South End, West Side	No Asbestos Detected					
2	Paint on Steel - South End, Middle	No Asbestos Detected					
3	Paint on Steel – South End, East Side	No Asbestos Detected					
4	Paint on Concrete – West Side, North End	No Asbestos Detected					
5	Paint on Concrete – West Side, Middle	No Asbestos Detected					
6	Paint on Concrete – West Side, South End	No Asbestos Detected					
7	Reflector Caulking - West Side, North End	No Asbestos Detected					
8	Reflector Caulking – West Side, Middle	No Asbestos Detected					
9	Reflector Caulking – West Side, Middle	No Asbestos Detected					
10	Parapet Expansion Joint – West Side, North End	No Asbestos Detected					
11	Parapet Expansion Joint – West Side, Middle	No Asbestos Detected					
12	Parapet Expansion Joint – West Side, South End	No Asbestos Detected					

### Materials Identified as Asbestos-Containing

Under the current EPA/NESHAP regulations, materials that contain greater than 1% asbestos are considered to be an asbestos-containing material (ACM). None of the materials sampled were found to be Asbestos Containing Material as defined by U.S EPA/NESHAP regulations.

### **Attachments**

Appendix A contains the Ohio Environmental Protection Agency Certifications for Mr. Matt Geiger and Mr. Will Arnold.

Appendix B contains the Bulk Sample Diagram.

Appendix C contains the laboratory results and chain-of-custody documentation for the asbestos bulk samples collected.

Appendix D contains the Ohio Environmental Protection Agency Notification of Demolition and Renovation.

### Summary

On April 17, 2022, Mr. Matt Geiger, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (AHES OH #35832) and Mr. Will Arnold (AHES OH#545305) of Lawhon & Associates, Inc (L&A) conducted an asbestos survey of MAH-680-1073L (SFN #5007712/PID 103883) I-680 Bridge over Mathews Road in Youngstown, OH 44514. No Asbestos Containing Materials (ACM) were identified in the course of the survey. If you have any questions, please contact Matt Geiger at (614) 481-8600.

Sincerely,

Will Arnold, AHES 545305 Environmental Technician Matt Geiger, AHES 35832 Project Manager

Moth & Teign

# APPENDIX A OHIO ENVIRONMENTAL PROTECTION AGENCY CERTIFICATIONS

# The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses



# **Matthew Geiger**

has successfully completed the Asbestos Building Inspector and Management Planner Refresher Courses and passed by at least 70% the course examinations for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2 Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: April 14, 2021/

Course Director:

Murt Varga

Expiration Date: April 14, 2022

Examination Date: April 14, 2021

Course Location: Worthington, OH

Certificate Numbers: ITNIR7061 & ITNMPR7061



Mike DeWine, Governor Jon Husted, Lt. Governor Laurie A. Stevenson, Director

8/31/2021

Matthew Geiger Lawhon & Associates, Inc. 1441 King Avenue Columbus, OH 43212

RF.

Evaluation Specialist Certification Number: ES35832 Expiration Date: 10/14/2022

Dear Matthew Geiger:

This letter and enclosed certification card approves your request to be certified as an asbestos Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Joshua S. Koch

Manager, Business Operations Support Section Ohio EPA - Division of Air Pollution Control

SKL



# The InService Training Network

Asbestos Building Inspector Initial Course



# William Arnold

has successfully completed the Asbestos Building Inspector Initial Course and passed by at least 70% the course examination for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2 Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: June 14 - 16, 2021

Course Director:

Kurt Varga

Expiration Date: June 16, 2022

Examination Date: June 16, 2021

Course Location: Worthington, Ohio

Certificate Number: ITNII1997

# The InService Training Network

## Asbestos Management Planner Initial Course



# Will Arnold

has successfully completed the Asbestos Management Planner Initial Course and passed by at least 70% the course examination for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 18-2 Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: June 17 - 18, 2021

Expiration Date: June 18, 2022

Examination Date: June 18, 2021

Course Location: Worthington, Ohio

Certificate Number: ITNMI1997



Mike DeWine, Governor Jon Husted, Lt. Governor Laurie A. Stevenson, Director

6/22/2021

William Arnold Lawhon & Associates, Inc. 1441 King Ave Columbus, OH 43212

RE:

Evaluation Specialist Certification Number: ES545305 Expiration Date: 6/22/2022

Dear William Arnold:

This letter and enclosed certification card approves your request to be certified as an asbestos Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

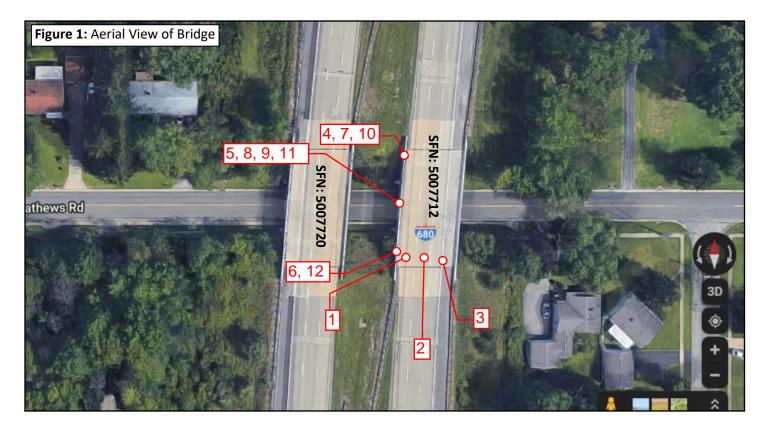
If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

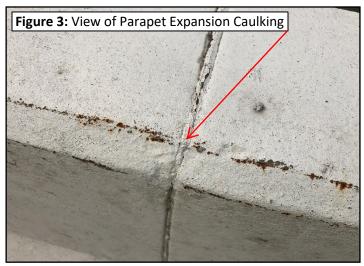
Joshua S. Koch Manager, Business Operations Support Section Ohio EPA - Division of Air Pollution Control

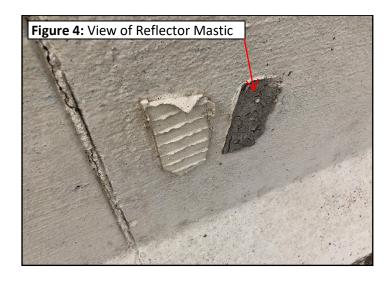


# APPENDIX B BULK SAMPLE DIAGRAM











# APPENDIX C LABORATORY RESULTS AND CHAIN OF CUSTODY



# The Identification Specialists

Analysis Report prepared for Lawhon & Associates, Inc.

Report Date: 3/29/2022

Project Name: MAH-680-1073L

Project #: 20-0076

SanAir ID#: 22013440



NVLAP LAB CODE 600227-0

11709 Chesterdale Road I Cincinnati, Ohio 45246 888.895.1177I 513.438.6006 I IAQ@SanAir.com I SanAir.com



SanAir ID Number
22013440
FINAL REPORT
3/29/2022 5:42:04 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 20-0076

P.O. Number:

Project Name: MAH-680-1073L

Collected Date: 3/17/2022

Received Date: 3/21/2022 9:35:00 AM

Dear Matt Geiger,

We at SanAir would like to thank you for the work you recently submitted. The 12 sample(s) were received on Monday, March 21, 2022 via UPS. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 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,

Matthew Daigneault

Asbestos Laboratory Manager SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter

- Analysis Pages

- Disclaimers and Additional Information

Sample conditions:

- 12 samples in Good condition.



SanAir ID Number
22013440
FINAL REPORT
3/29/2022 5:42:04 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

**Project Number: 20-0076** 

P.O. Number:

Project Name: MAH-680-1073L

Collected Date: 3/17/2022

Received Date: 3/21/2022 9:35:00 AM

Analyst: Poeppelman, Dustin

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

	Stereoscopic	Con	ponents	
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
1 / 22013440-001 Paint on Steel, South End, West Side	Blue Non-Fibrous Homogeneous		100% Other	None Detected
2 / 22013440-002 Paint on Steel, South End, Middle	Blue Non-Fibrous Homogeneous		100% Other	None Detected
3 / 22013440-003 Paint on Steel, South End, East Side	Blue Non-Fibrous Homogeneous		100% Other	None Detected
4 / 22013440-004 Paint on Concrete, West Side, North End	White Non-Fibrous Homogeneous		100% Other	None Detected
5 / 22013440-005 Paint on Concrete, West Side, Middle	White Non-Fibrous Homogeneous		100% Other	None Detected
6 / 22013440-006 Paint on Concrete, West Side, South End	White Non-Fibrous Homogeneous		100% Other	None Detected
7 / 22013440-007 Reflector Caulking, West Side, North End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
8 / 22013440-008 Reflector Caulking, West Side, Middle	Grey Non-Fibrous Homogeneous		100% Other	None Detected
9 / 22013440-009 Reflector Caulking, West Side, Middle	Grey Non-Fibrous Homogeneous		100% Other	None Detected
10 / 22013440-010 Parapet Exp. Joint, West Side, North End	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

Analyst:

Analysis Date:

The Hospital

Approved Signatory:

Date:

/29/2022

Page 3 of 6



SanAir ID Number 22013440 **FINAL REPORT** 3/29/2022 5:42:04 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212 Phone: 614-481-8600 ext. 142 **Project Number: 20-0076** 

P.O. Number:

Project Name: MAH-680-1073L

**Collected Date:** 3/17/2022

Received Date: 3/21/2022 9:35:00 AM

Analyst: Poeppelman, Dustin

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

	Stereoscopic	Com	Components					
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers				
11 / 22013440-011 Parapet Exp. Joint, West Side, Middle	Grey Non-Fibrous Heterogeneous		100% Other	None Detected				
12 / 22013440-012 Parapet Exp. Joint, West Side, South End	Grey Non-Fibrous Heterogeneous		100% Other	None Detected				

Analyst:

Approved Signatory: Model

The Posplan 3/29/2022 Analysis Date:

Date:

### Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. 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 and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Samples are held for a period of 60 days.

For NY state samples, method EPA 600/M4-82-020 is performed.

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 Certifications NVLAP lab code 600227-0 Rhode Island Certification Number: PLM00144

Lawhon & Associates, Inc.

1441 King Avenue Columbus, OH 43212 Phone: (614) 481-8600 Fax: (614) 481-8610

VIA: CPS Sent To: San A 1R

No. 4215

Page 6 of 6

Date: 3/17/2022

- 1		
5-da7	Turn around:	

# ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

	•	3	<u></u>
MAH -680-1073L	20-0076	12th Jan 1	XX
Sample I.D. No. Homog. Area No.	Sample /Homogeneous Area Description	į	Remarks
	Paint on strel	South Exel 4 554 Bold Side	
2 1		1	
>	t	East side	
4 2 K	Paint us Conrecte	Wist side North End	
2		1 16634	
6 2	1	- South End	
w	Reflector Caulking		
8			
9 3	+	<u> </u>	
10 H 6	Parapet Exp. Jaint	wist side, North End	
12 4	F	1 South End	
SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED	R-93/116 UNLESS OTHERWISE N	OTED.	☐ Stop 1st Positive Analyze All Samples
Relinquished by: (signature)  Date / Time    7/18/12   1700	Received by: (signature)	Date / Time Relinquished by: (signature) Date / Time	Received by: (signature) Date / Time

# APPENDIX D OHIO ENVIRONMENTAL PROTECTION AGENCY NOTICE OF DEMOLITION AND RENOVATION



### **Notification of Demolition and Renovation/Abatement Section 1: General Information**

Division of Air Pollution Control

Work on projects cannot begin until 10 working days after a COMPLETE original notification form, including payment, is submitted to Ohio EPA. Instructions and a worksheet for fee calculation are available at *epa.ohio.gov/asbestos*. This form can be completed, and payment made, at *ebiz.epa.ohio.gov*. Questions? *asbestos@epa.ohio.gov* or (614) 466-0061.

Ohio EPA Use Only Notification #:  1) Notification Information (Check al	that annly)	Postmark	ed: /	/	Re	eceived: /	/	Hand-Delivered
☐ Revision # (count):	Installation	☐ Emerge	ency	Annual	□ Cano	ellation Cou	ıntv: M	lahoning
2) Owner, Asbestos Abatement Contr							,	Revised?
Owner	, <b>G</b>							
Name: ODOT District 4							Is	s this a company? X Yes No
Address: 2088 S. Arlington Road				Contac	t Person:			<u> </u>
City: Akron			State: Ohi	0			Zip: 44	306
Email:			Phone: (3	30) 786-31	00		Fax:	
Asbestos Abatement Contractor (if appli	cable)							
Name:				License #:	AC			Expiration Date: / /
Address:				Contac	t Person:			1
City:			State:				Zip:	-
Email:			Phone: (	)	-		Fax: (	) -
Billing Contact								
Is this contact associated with the \( \square\)	Owner, Asbestos Aba	atement Cor	ntractor, o	r 🔲 Dem	olition Con	tractor (if no	t install	lation)?
Address:				Contac	t Person:			
City:			State:				Zip:	-
Email:			Phone: (	)	-		Fax: (	) -
Fire Department (if applicable)								
Name:								
Address:				Contac	t Person:			
City:			State:				Zip:	-
Email:			Phone: (	)	-		Fax: (	) -
3) Ohio Asbestos Hazard Evaluation S	pecialist and Evaluation	Procedure						Revised?
Evaluation Specialist: Matt Geiger			Ce	ertification	#: ES 358	32	Expir	ation Date: 10/14/2022
Procedure, including analytical methods Category I and Category II non-friable as		-	f and to es		e quantity on the Count			os-containing material (RACM) and er Method (Explain Below):
4) Procedures to be followed should u	inexpected RACM be dis	covered (ch	eck all th	at apply)				Revised?
Stop work and keep wet	Evacuate area	⊠ De	emarcate a	area			ct licen	sed abatement contractor
Contact district office/local air author	ority							
Other (Explain):								
5) Planned Demolition (check all that	apply)							Revised?
Describe demolition work to be perform  Implosion Fire Training	ed and method(s) to be of Wet Methods						ier (Exp	olain):
Description of affected facility compone	nts (include attachment	if necessary	):					

# **Notification of Demolition and Renovation/Abatement**

**Section 1: General Information** 

Continued

Mail completed form and payment to: Ohio EPA, DAPC – Asbestos 50 W. Town St., 7<sup>th</sup> Floor or P.O. Box 1049 Columbus, OH 43216-1049

6) Asbestos Description and	Engineering Controls (if	asbestos is being ab	ated)							Revised?
For the material listed in each ensure proper waste handling		e(s) of ACM to be aba	ated, engineeri	ng con	ntrols and work p	ractices to	be used	to minim	nize emis	sions and
Type of ACM to be abated:	Surfacing	☐ Mechanical	Other	Other						
Engineering Controls:	☐ Wet Methods	Glove Bag	☐ NPE	AFD Other:						
Work Practices:	☐ Intact Removal	☐ Manual	☐ Mechar	nical	ical Other:					
7) Asbestos Waste Transpor	ter (if applicable)	•								Revised?
Transporter #1 Name:										
Address:				Cont	act Person:					
City:			State:			Ž	Zip:	-		
Email:			Phone: (	)	-	F	-ax: (	)	-	
Transporter #2 Name (if applic	able):									
Address:				Cont	act Person:					
City:			State:			2	Zip:	-		
Email:	Phone: (	)	-	F	ax: (	)	-			
8) Asbestos Waste Disposal	Site (if applicable)									Revised?
Name:										
Address:					Contact Person:					
City:	State:			Z	ip:	-				
Email:	Phone: (	)	-	F	ax: (	)	-			
9) Emergency Demolition (c	omplete if you checked '	"Emergency" above a	and "Demolitic	on" for	any project)	•				Revised?
A copy of the issued order, inc	luding the following info	rmation, must be atta	ached to this n	otifica	tion.					
Government Official Issuing O	rder:		Title:							
Agency:			Authorit	Authority of Order (Citation of Code):						
Date of Order: / /			Demoliti	Demolition Date: / /						
10) Emergency Renovation/A	batement (complete if y	ou checked "Emerge	ncy" above an	ıd "Reı	novation/Abaten	ment" for a	ny proje	ct)		Revised?
Date of Emergency: / /			Time of I	ne of Emergency: : a.m. p.m.						
Description of Sudden, Unexp	ected Event:		•							
Explanation of how the event	caused unsafe conditions	s or equipment dama	ige:							
11) Attestation										Revised?
In accordance with Ohio Admi Administrative Code will super prohibited by law and I certify	rvise the stripping and re	moval described by the	his notification.	ı. Lackı	nowledge that th					
Signature:					Date: /	/				
Name:			Title:							
Organization:										



### Notification of Demolition and Renovation/Abatement Section 2: Project Address Specific Information

**Division of Air Pollution Control** 

Please complete Section 2 for the address included with this notification. If the project is an "Installation" per OAC 3745-20, complete a separate Section 2 page for each address associated with this notification.

Ohio EPA Use Only	Project ID #	#: <del>-</del>								
A. Facility Descr	iption								Revised?	
Building Name (if a	pplicable): MA	H-680-1073L		Site Location (specific): 1.06 Mi N Of US 224						
Address: 41°02'20.57"N 80°37'52.14"W						Cour	nty: Mahoning			
City: Youngstown				State: OH			14514 -			
Building Size (squar	e feet): 5,94	10		No. of Floors:				Age: 48		
Present Use: Bridge	e			Prio	or Use:					
B. Type of Opera	ation (check a	ll that apply)							Revised?	
☐ Demolition	⊠ Reno	ovation/Abatement – Typ	oe: 🗌 Removal	I ☐ Repa	air 🗌 Encapsu	lation 🔲 🛭	Enclosure			
C. Asbestos Pres	sent (check on	ie)							Revised?	
☐ Yes 🛛 No		No, previously abated	l Year A	bated:						
D. Approximate	Amount of As	sbestos-Containing Mate	erials (complete	table belov	w and Section 1 #	f6 if asbesto	s is present)		Revised?	
Material to					ed		Ma	aterial NOT to b	e Removed	
Non-fria					os-Containing Ma	iterial	Non-frial	Non-friable Asbestos-Containing Mat		
		RACM	Catego	ry I	Catego	Category II			Category II	
Pipes (linear feet)										
Surface area on oth components (ft²)	ner facility									
Volume if length or area cannot be measured (ft³)										
E. Asbestos Aba	tement Sched	lule and Abatement Spe	cialist (original n	otification	is required 10 w	orking days	prior to the sta	rt of work)	Revised?	
Setup Date: /	/	Abaten	/		Cor	mplete Date:	/ /			
			Wednes	day Thursday		Fric	day	Saturday	Sunday	
start/end on site										
Abatement Speciali	ist Name:			Certification #: AS		•	Expiration Dat		te: / /	
(Shift 1) Time	Monday	y Tuesday	Wednes	sday	Thursday Friday		day	Saturday	Sunday	
start/end on site										
Abatement Speciali	ist Name:			Certification #: AS Expiration Date: / /						
F. Demolition Co	ontractor (if a	pplicable)							Revised?	
Name:										
Address:					Contact Per	son:				
City:					l		Zip: -			
Email:				Phone: (	) -		Fax:	( )	-	
G. Demolition So	chedule (origi	nal notification is require	ed 10 working da	ays prior to	the start of wor	·k)			Revised?	
Start Date: /	/			Complete	Date: / /					
H. Project Hold				1					Revised?	
Hold Begin Date:	/ /			Work Resume Date: / /						