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-680-1073R (SFN #5007720/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-680-1073R (SFN #5007720/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 Description and Location	Asbestos %
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 - East Side, Middle	No Asbestos Detected
8	Reflector Caulking – East Side, South End	No Asbestos Detected
9	Reflector Caulking – West Side, South End	No Asbestos Detected
10	Parapet Expansion Joint – East Side, Middle	No Asbestos Detected
11	Parapet Expansion Joint – East Side, South End	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-680-1073R (SFN #5007720/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

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.

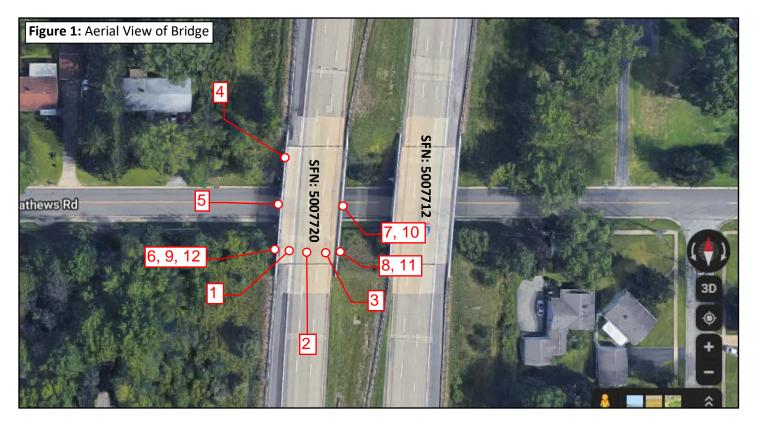
If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

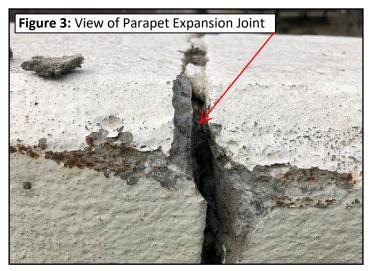
Joshua S. Koch Manager, Business Operations Support Section Ohio EPA - Division of Air Pollution Control



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: 3/30/2022

Project Name: MAH-680-1073R

Project #: 20-0076

SanAir ID#: 22013434



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
22013434
FINAL REPORT
3/30/2022 3:39:33 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-680-1073R

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
22013434
FINAL REPORT
3/30/2022 3:39:33 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-680-1073R

Collected Date: 3/17/2022

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

Analyst: Daigneault, Matthew

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Com	ponents				
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers			
1 / 22013434-001 Paint on Steel, South End, West Side	Various Non-Fibrous Heterogeneous		100% Other	None Detected			
2 / 22013434-002 Paint on Steel, South End, Middle	Various Non-Fibrous Heterogeneous		100% Other	None Detected			
3 / 22013434-003 Paint on Steel, South End, East Side	Various Non-Fibrous Heterogeneous		100% Other	None Detected			
4 / 22013434-004 Paint on Concrete, West Side, North End	White Non-Fibrous Heterogeneous		100% Other	None Detected			
5 / 22013434-005 Paint on Concrete, West Side, Middle	White Non-Fibrous Heterogeneous		100% Other	None Detected			
6 / 22013434-006 Paint on Concrete, West Side, South End	White Non-Fibrous Heterogeneous		100% Other	None Detected			
7 / 22013434-007 Reflector Caulking, East Side, Middle	Beige Non-Fibrous Homogeneous		100% Other	None Detected			
8 / 22013434-008 Reflector Caulking, East Side, South End	Beige Non-Fibrous Homogeneous		100% Other	None Detected			
9 / 22013434-009 Reflector Caulking, West Side, South End	Beige Non-Fibrous Homogeneous		100% Other	None Detected			
10 / 22013434-010 Parapet Exp. Joint, East Side, Middle	Grey Non-Fibrous Homogeneous		100% Other	None Detected			

Analyst

Analysis Date:

Mother of

Approved Signatory:

3/30/2022

Date: 3/30/20



SanAir ID Number
22013434
FINAL REPORT
3/30/2022 3:39:33 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-680-1073R

Collected Date: 3/17/2022

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

Analyst: Daigneault, Matthew

Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic	Com	ponents	
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers
11 / 22013434-011 Parapet Exp. Joint, East Side, South End	Grey Non-Fibrous Homogeneous		100% Other	None Detected
12 / 22013434-012 Parapet Exp. Joint, West Side, South End	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: Model Service Analyst:

Approved Signatory:

Date:

Analysis Date: 3/30/2022

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: UPS	Sent To: San AIR

No. 4214

Page_

Page 6 of 6

Turn around:

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Date / Time	Received by: (signature)	Date / Time Ru	Relinquished by: (signature)	Date / Time Relin	Received by: (signature)	7/18/72 (700)	shed by: (signature)	Relinqui
ve Analyze All Samples	☐ Stop 1st Positive		: 	NOTED.	SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED	NETHOD 600/R-9	E ANALYSIS BY EPA I	SAMPI
	T .							
	-							
			_					
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			۲,	1.5 ts> ~	+		4 3	
			SOUTH END	L			\$ 3	
-			sile, mildle	East	or Calking	Reflector	7 3	
		2	- South End	—	F		6	
			,				2	
		かかり	Side, North	453-4	+ on Concrete	Paint	٦ 4	
		(· East sil	+	H		3	
			midale				1 2	
			End wist side	50.th	on Steel	Paint	_	
Remarks		on	Sample Location	ion	Sample /Homogeneous Area Description		Sample I.D. No. Homog. Area No.	Se
Mox/Mm			Tright 1	Matt	20-0076	73 R	+ - 680 - 1073 R	MAH
ignature	S	Sampler (print):		Project Contact:	Project No.:		Name:	Project Name:

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	, G							
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., 7th 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							
Engineering Controls:	☐ Wet Methods	Glove Bag	☐ NPE		AFD	Oth	er:			
Work Practices:	☐ Intact Removal	☐ Manual	☐ Mechar	nical	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:				Cont	act 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	y of Or	rder (Citation of C	Code):				
Date of Order: / /			Demoliti	on Dat	te: / /					
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 E	Emerg	ency: :	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 #	# :									
A. Facility Description Revised?											
Building Name (if a	pplicable): MA	.H-680-1073R		Site Lo	cation (specific): 1.0	06 Mi N Of U	JS 224				
Address: 41°02'20.5	57"N 80°37'52	.14"W		County: Mahoning							
City: Youngstown				State:	ОН	Zip	Zip: 44514 -				
Building Size (squar	e feet): 5,94	10		Ν	No. of Floors:			Age: 48			
Present Use: Bridge	е			P	Prior Use:						
B. Type of Opera	ation (check a	ll that apply)							Revised?		
☐ Demolition	⊠ Reno	ovation/Abatement – Typ	pe: 🗌 Removal	R	epair 🔲 Encapsı	ulation	Enclosure				
C. Asbestos Pres	sent (check on	ie)							Revised?		
☐ Yes 🛛 No		No, previously abated	l Year A	bated:							
							Revised?				
Material to					oved						
Non-friab					estos-Containing M	aterial	Non-frial	ole Asbestos-Co	ontaining Material		
	RACM Category I Categ				gory II	Categ	gory I	Category II			
Pipes (linear feet)											
Surface area on oth components (ft ²)	er facility										
Volume if length or area cannot											
be measured (ft³)	toment School	lule and Ahatement Sne	cialist (original n	otificat	ion is required 10 v	vorking day	s prior to the sta	ert of work)	Revised?		
E. Asbestos Abatement Schedule and Abatement Specialist (original notification is required 10 working days prior to the start of work) Revised? Setup Date: / / Complete Date: / /							Reviseu:				
· ·	Monday		Wednes	dav	Thursday	<u> </u>	riday	/ / Saturday	Sunday		
(Shift 1) Time start/end on site		, accau,			····a··suay		,		January		
Abatement Speciali	st Name:			Certif	ication #: AS		Expiration Date		nte: / /		
(Shift 1) Time	Monday	/ Tuesday	Wednes	day	Thursday	ursday Friday		Saturday	Sunday		
start/end on site											
Abatement Speciali	st Name:	<u> </u>		Certification #: AS Expiration Date: / /					ate: / /		
F. Demolition Co	ontractor (if a	pplicable)							Revised?		
Name:											
Address:					Contact Person:						
City:				State:			Zip:	-			
Email:				Phone	:() -		Fax:	()	-		
G. Demolition Sc	chedule (origin	nal notification is require	ed 10 working da	ays prio	r to the start of wo	ork)			Revised?		
Start Date: /	/			Comple	ete Date: / /						
H. Project Hold									Revised?		
Hold Begin Date:	/ /			Work Resume Date: / /							