

7100120
Masterwear
Morgan Co
JLLD4d

To: Ken Theisen – U.S. EPA
From: Fred W. Nichols – Astbury Environmental Engineer, Project Coordinator
Re: Mastwear Status Update #5
Date: November 17, 2004
cc: Bruce Kamplain – Norris Choplin and Schroeder
Bill Wagner – Sommer Barnard
Bill Giles – IDEM
Paula Matheny – Ohio Casualty Insurance Group
Steve Wanner – Conestoga Rovers & Associates

Ongoing Activities

Remedial Work Plan

The Remedial Work Plan has been sent to the following people. Ken Theisen, Brad Bradley both of the US EPA, Bruce Kamplain, Paula Matheny, Bill Wagner, Steve Wanner, Bill Cure, and Jessica Fliss (4) copies IDEM.

AEE is currently installing the underground pvc piping and the Air Sparge/Soil Vapor Extraction wellhead connections. The trenching work was performed and completed at the Home Bank Drive-Thru during closed hours last weekend. The street cuts and Asphalt replacement along Mulberry and Morgan will be completed this week. The work in front of the parking area of Hometown Transmission was also completed during last weekend so as not to interfere with their operation.

We have installed the 3 phase electric at the Cure Building and have also prepared the interior space for the arrival of the remediation equipment. The anticipated system start-up date is the middle of December.

Vapor Intrusion - Air

During the month of October, we continued our routine weekly summa canister sampling in buildings which are being vented. This was performed to monitor and track the PCE vapor intrusion remediation process. All installed systems are now up and running, including the system for Mrs. Robin Surface. Copies of the latest sampling results are provided in a table format for your review in **Attachment A**.

To date, all nine vapor remediation systems for the eleven properties listed below are operating (some systems have multiple businesses).

1. The Cure building which is handling the 60, 70 and 80 W. Washington
2. Billy O's and Vacant Office Space, W. Washington

3. Cunningham Building, 28 N. Main
4. Dan Ferran & Associates, 38 N. Main St.
5. Ruby's Diner, 40 N. Main St.
6. Espresso Coffee Bar, 46 N. Main St.
7. Office Suites, 20 W. Washington St.
8. Hummingbird Heaven, 110 W. Washington St.
9. Manna Mission, 55 W. Morgan St.
10. Clerk-Treasurer's Office
11. Mrs. Robin Surface, 119 W. Morgan St.

Future Activities

- Continue to monitor the vapor intrusion systems with weekly summa canister sampling episodes. After one month of weekly sampling, facilities with levels below IDEM's sub-chronic action level of 110 ug/m^3 will be evaluated and adjusted accordingly.
- We are going to look at re-engineering the City Clerk Treasurer's office system. We are unsatisfied with the analytical results we are seeing. This will happen ASAP.

ATTACHMENT A

AIR RESULTS

Sample Results for Properties Above Subchronic Levels and/or Sampled By AEE

Location	Name	Floor Sampled	Sample Date	Sample ID	PCE		TCE		System Operating During Sampling?	Last Results Provided to Occupant		Status	Property Owner
					(ppbv)	(µg/m ³)	(ppbv)	(µg/m ³)					
28 N. Main	Site Building	1st floor	9/25/2003	Master-04		745.90		4.30	No			Venting/Weekly Monitoring Ongoing	8/12/2004
		1st floor	7/15/2004	AEE-053	1216	3244.48	4.87	25.15	Yes				
		1st floor	8/4/2004	AEE-056	1100	7456.00	2	10.74	Yes				
		1st floor	8/12/2004	AEE-062	330	2237.40	1	5.37	Yes				
		1st floor	8/19/2004	AEE-082	1700	11526.00	4	21.48	Yes				
		1st floor	8/25/2004	AEE-091	630	3026.00	2	10.74	Yes				
		1st floor	9/2/2004	AEE-114	690	4578.20	2	10.74	Yes				
		1st floor	9/9/2004	AEE-127	440	2563.20	1.3	5.26	Yes				
		1st floor	9/16/2004	AEE-132	720	5152.80	1.8	8.59	Yes				
		1st floor	9/23/2004	AEE-140**	190	1286.20	<2	<10.74	Yes				
		1st floor	9/30/2004	AEE-148	120	813.60	<2	<10.74	Yes				
		1st floor	10/7/2004	AEE-159	120	813.60	ND	ND	Yes				
		1st floor	10/14/2004	AEE-170	130	891.40	ND	ND	Yes				
		1st floor	10/22/2004	AEE-180	120	813.60	ND	ND	Yes				
1st floor	11/2/2004	AEE-184	36	656.88	ND	ND	Yes						
50 W. Washington	Just Attributes Salon	1st floor	7/6/2004	AEE-003	214	1450.92	ND	ND	No			Venting/Weekly Monitoring Ongoing	7/14/2004
		1st floor	7/14/2004	AEE-045	167	1132.26	0.66	3.56	Yes				
		1st floor	8/19/2004	AEE-070	99	671.22	ND	ND	Yes				
		1st floor	8/25/2004	AEE-089	88	536.54	ND	ND	Yes				
		1st floor	9/2/2004	AEE-112	200	1368.00	0.41	2.25	Yes				
		1st floor	9/9/2004	AEE-119*	220	1481.60	<2	<10.74	Yes				
		1st floor	9/23/2004	AEE-143***	16	108.48	ND	ND	Yes				
		1st floor	9/30/2004	AEE-151	21	142.38	ND	ND	Yes				
		1st floor	11/2/2004	AEE-185	15	101.70	ND	ND	Yes				
		70 W. Washington	Vacant Office (formerly MAP)	1st floor	07/17-21/03	LO0521		328.30		0.99	No		
1st floor	7/6/2004			AEE-002	23.6	160.01	ND	ND	No				
1st floor	7/15/2004			AEE-051	320	2189.94	0.77	4.13	Yes				
1st floor	8/12/2004			AEE-065	22	149.16	ND	ND	Yes				
1st floor	8/19/2004			AEE-080	28	189.84	ND	ND	Yes				
1st floor	8/25/2004			AEE-101	5	33.90	ND	ND	Yes				
1st floor	9/2/2004			AEE-108	63	427.14	ND	ND	Yes				
1st floor	9/9/2004			AEE-120*	130	861.40	ND	ND	Yes				
1st floor	9/16/2004			AEE-137	59	400.02	ND	ND	Yes				
1st floor	9/23/2004			AEE-144***	5	33.90	ND	ND	Yes				
1st floor	9/30/2004			AEE-152	6	40.98	ND	ND	Yes				
1st floor	10/7/2004			AEE-161	9	61.02	ND	ND	Yes				
1st floor	10/14/2004			AEE-171	2	13.96	ND	ND	Yes				
1st floor	10/22/2004			AEE-181	3	20.34	ND	ND	Yes				
1st floor	11/2/2004	AEE-187	1	6.78	ND	ND	Yes						
80 W. Washington	Progressive Insurance	1st floor	07/17-21/03	LO0525		1520.30		3.22	No			Venting/Weekly Monitoring Ongoing	8/12/2004
		1st floor	7/6/2004	AEE-001	94.4	572.23	ND	ND	No				
		1st floor	7/15/2004	AEE-052	410	2770.60	0.82	4.39	Yes				
		1st floor	8/12/2004	AEE-064	129	853.60	ND	ND	Yes				
		1st floor	8/19/2004	AEE-079	110	745.00	ND	ND	Yes				
		1st floor	8/25/2004	AEE-100	70	515.28	ND	ND	Yes				
		1st floor	9/2/2004	AEE-109	180	1220.40	ND	ND	Yes				
		1st floor	9/9/2004	AEE-121*	100	678.00	ND	ND	Yes				
		1st floor	9/16/2004	AEE-138	62	420.36	ND	ND	Yes				
		1st floor	9/23/2004	AEE-145***	8	54.24	ND	ND	Yes				
		1st floor	9/30/2004	AEE-153	17	115.26	ND	ND	Yes				
		1st floor	10/7/2004	AEE-162	18	122.04	ND	ND	Yes				
		1st floor	10/14/2004	AEE-172	8	54.24	ND	ND	Yes				
		1st floor	10/22/2004	AEE-182	13	88.14	ND	ND	Yes				
1st floor	11/2/2004	AEE-186	8	54.24	ND	ND	Yes						
77 W. Morgan	HomeTown Transmission	Unknown	07/17-21/03	LO0527		308.00		1.56	No			Site Access Denied	Sam Neal
		1st floor	9/25/2003	Master-03		285.18		0.00	No				
		1st floor	7/7/2004	AEE-028	97.3	653.59	1.32	7.09	No				
		Basement	7/7/2004	AEE-027	298	2193.48	13.00	69.81	No				
28 N. Main	Cunningham Photography	Unknown	07/17-21/03	LO0522		1636.00		1.03	No			Venting/Weekly Monitoring Ongoing	8/12/2004
		1st floor	9/25/2003	Master-07		745.90		4.30	No				
		1st floor	7/14/2004	AEE-039	14.3	96.96	1.54	8.81	Yes				
		1st floor	8/4/2004	AEE-057	8	54.24	ND	ND	Yes				
		1st floor	8/12/2004	AEE-063	28	189.84	ND	ND	Yes				
		1st floor	8/19/2004	AEE-077	8	54.24	ND	ND	Yes				
		1st floor	8/25/2004	AEE-090	3	20.34	ND	ND	Yes				
		1st floor	9/2/2004	AEE-115	8	54.24	ND	ND	Yes				
		1st floor	9/9/2004	AEE-122*	19	128.82	ND	ND	Yes				
		1st floor	9/16/2004	AEE-133	4	27.12	ND	ND	Yes				
		1st floor	9/23/2004	AEE-146	3	20.34	ND	ND	Yes				
		1st floor	9/30/2004	AEE-154	3	20.34	ND	ND	Yes				
		1st floor	10/7/2004	AEE-160	3	20.34	ND	ND	Yes				
		23 W. Washington	Office Suites	Basement	9/25/2003	Master-05		115.43		0.00	No		
Basement	8/19/2004			AEE-078	1	6.78	ND	ND	Yes				
Basement	8/25/2004			AEE-092	0.86	5.83	ND	ND	Yes				
50 W. Washington	Bibby O's Restaurant	1st floor	07/17-21/03	LO0524		620.00		2.84	No			Venting/Monthly Monitoring Ongoing	8/12/2004
		1st floor	8/12/2004	AEE-066	8	54.24	ND	ND	Yes				
		1st floor	8/19/2004	AEE-085	6	40.98	ND	ND	Yes				
		1st floor	8/25/2004	AEE-097	0.89	6.03	ND	ND	Yes				
		1st floor	9/2/2004	AEE-116	1	6.78	ND	ND	Yes				
		1st floor	9/9/2004	AEE-128*	82	420.36	ND	ND	Yes				
		1st floor	10/7/2004	AEE-167	0.8	5.42	ND	ND	Yes				
10 N. Main	VP Print Shoppe	1st floor	8/19/2004	AEE-081	1	6.78	ND	ND	Yes			Venting/Monthly Monitoring Ongoing	None
		1st floor	8/25/2004	AEE-087	ND	ND	ND	ND	Yes				
		1st floor	9/2/2004	AEE-104	ND	ND	ND	ND	Yes				
		1st floor	9/9/2004	AEE-118*	3	20.34	ND	ND	Yes				
		1st floor	10/14/2004	AEE-175	ND	ND	ND	ND	Yes				
110 W. Washington	Huntingbird Heaven	Basement	9/25/2003	Master-08		162.96		0.00	No			Venting/Monthly Monitoring Ongoing	8/12/2004
		1st floor	8/12/2004	AEE-068	ND	ND	ND	ND	Yes				
		1st floor	8/19/2004	AEE-083	ND	ND	ND	ND	Yes				
		1st floor	8/25/2004	AEE-094	ND	ND	ND	ND	Yes				
		1st floor	9/2/2004	AEE-113	2	13.56	ND	ND	Yes				
		1st floor	9/9/2004	AEE-126*	0.81	5.49	ND	ND	Yes				
1st floor	10/7/2004	AEE-164	3	20.34	ND	ND	Yes						
110 W. Morgan	Clerk-Treasurer's Office	1st floor	12/16/2003	Master-21		227.05		0.00	No			Venting/Weekly Monitoring Ongoing	7/15/2004
		Basement	7/15/2004	AEE-046	137	928.90	ND	ND	No				
		1st floor	7/15/2004	AEE-047	12.8	85.43	ND	ND	No				
		Basement	9/2/2004	AEE-105	41	277.98	ND	ND	Yes				
		1st floor	9/2/2004	AEE-106	22	145.10	ND	ND	Yes				
		1st floor	9/9/2004	AEE-117*	16	108.48	ND	ND	Yes				
		1st floor	9/16/2004	AEE-131	16	108.48	ND	ND	Yes				
		1st floor	9/23/2004	AEE-139	14	94.92	ND	ND	Yes				
		1st floor	9/30/2004	AEE-147	18	122.04	ND	ND	Yes				
		1st floor	10/7/2004	AEE-157	19	128.82	ND	ND	Yes				
		1st floor	10/14/2004	AEE-168	17	115.26	ND	ND	Yes				
		Basement	10/14/2004	AEE-169	70	474.60	ND	ND	Yes				
		Basement	10/22/2004	AEE-176	73	494.94	ND	ND	Yes				
1st floor	10/22/2004	AEE-177	33	223.74	ND	ND	Yes						
1st floor	11/2/2004	AEE-183	36	244.08	ND	ND	Yes						
46 N. Main	Espresso Coffee Bar	Unknown	07/17-21/03	LO0523		739.00		13.40	No			Venting/Monthly Monitoring Ongoing	7/6/2004
		Basement	9/25/2003	Master-01		54.32		0.00	No				
		1st floor	7/6/2004	AEE-017	3.25	62.72	0.38	2.03	No				
		Basement	7/6/2004	AEE-019	13.2	89.50	ND	ND	No				
		1st floor	8/12/2004	AEE-060	2	13.56	ND	ND	Yes				
		1st floor	8/19/2004	AEE-074	5	33.90	ND	ND	Yes				
		1st floor	8/25/2004	AEE-086	2	13.56	ND	ND	Yes				
		1st floor	9/2/2004	AEE-103	3	20.34	ND	ND	Yes				
		1st floor	9/16/2004	AEE-130**	1	6.78	ND	ND	Yes				
		1st floor	10/7/2004	AEE-156	0.9	6.10	ND	ND	Yes				
119 W. Morgan	Residence	Basement	07/17-21/03	LO0531		223.00		0.99	No				

