



# AMERECO, INC.

CONSULTING • ENGINEERING • PROJECT MANAGEMENT ©  15

February 25, 2011

Mr. Jeffrey C. Teagarden  
Dore and Associates Contracting, Inc.  
900 Harry S. Truman Parkway  
Bay City, Michigan 48706

**RE: Lead-Based Paint (LBP)  
Studebaker – Area “A”  
Engineering Bldg.  
Project # 11.2536**

Dear Mr. Teagarden,

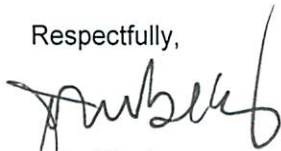
Thank you for the opportunity to provide Dore and Associates Contracting, Inc. with this service. Please find attached the analytical report for the paint chip samples and the XRF results at the above location.

The XRF results from Feb. 10<sup>th</sup> identified three (3) positive areas for LBP which fall within the inconclusive range of the XRF. Therefore, paint chip samples were sent to an environmental laboratory for further analysis. The results confirmed that the paint on the First Floor South Side contains lead. Therefore, on Feb. 23 using the XRF the walls, ceiling and the columns on the First Floor South Side were analyzed to determine specific areas of LBP. It is my professional opinion that all paints on the First Floor South Side of the Engineering Building be treated as LBP.

The sampling and analyses were performed in accordance with all applicable state and federal rules and regulations governing LBP inspections in public and commercial buildings. Quality control criteria specific to the analytical method have been met. All QA/QC documentation will remain on file for future reference.

Please call if you have any questions or if we can be of any additional service.

Respectfully,



John Blosky  
Lead Risk Assessor  
License# IN0704060

**Attachments**

XRF 2/10/2011  
XRF 2/23/2011  
Sample Log





## **SAMPLE LOG FORM AND ANALYTICAL REPORT**

Client: Mr. Jeff Teagarden  
Dore and Associates  
900 Harry S. Truman Parkway  
P.O. Box 146  
Bay City MI 48707

Project: Studebaker Area "A"  
Engineering Bldg.

Project No.: 11.2536

Date Sampled: February 10, 2011

Analysis: Lead Based Paint

Method: Flame Atomic Absorption - N7082


.....

SAMPLE ID	MATRIX	LOCATION AND DESCRIPTION	RESULT
001	Paint Chips	First Floor South Side	23,000 mg/Kg
002	Paint Chips	Second Floor West Side	400 mg/Kg

Note:  $\geq 5,000$  mg/Kg in a paint chip sample is lead-based paint

Analyzed by: SAC

Reference No.: 11020173

Sampled by:   
Steve Travis  
Lead Inspector / Risk Assessor  
License No. IND000396  
Expiration Date: 11/13/2012



XRF Report  
 Paint Summary Report  
 Building 92 - Studebaker, South Bend, IN

Date	Time	Reading	Mode	LiveTime	Pass Fail Standard	Pb	Pb +/-	Site	Room	Component	Side	Substrate	Color	Condition
10-Feb-11	10:12:26	9	Lead Paint Inspection	5.57	Negative	0.03	0.04	Building 92	1st Floor	ceiling	North	Concrete	white	Poor
10-Feb-11	10:12:50	10	Lead Paint Inspection	5.64	Negative	0.03	0.04	Building 92	1st Floor	ceiling	North	Concrete	white	Poor
10-Feb-11	10:13:49	11	Lead Paint Inspection	15.49	Negative	0.03	0.01	Building 92	1st Floor	ceiling	East	Concrete	white	Poor
10-Feb-11	10:14:23	12	Lead Paint Inspection	25.97	Negative	0.05	0.01	Building 92	1st Floor	ceiling	East	Concrete	white	Poor
10-Feb-11	10:15:29	13	Lead Paint Inspection	5.66	Positive	0.6	0.06	Building 92	1st Floor	ceiling	South	Concrete	white	Poor
10-Feb-11	10:15:58	14	Lead Paint Inspection	5.71	Positive	0.97	0.11	Building 92	1st Floor	ceiling	South	Concrete	white	Poor
10-Feb-11	10:16:44	15	Lead Paint Inspection	5.47	Negative	0.17	0.04	Building 92	1st Floor	ceiling	West	Concrete	white	Poor
10-Feb-11	10:17:02	16	Lead Paint Inspection	5.67	Negative	0.2	0.05	Building 92	1st Floor	ceiling	West	Concrete	white	Poor
10-Feb-11	10:18:26	17	Lead Paint Inspection	5.55	Negative	0.16	0.05	Building 92	2nd Floor	ceiling	North	Concrete	white	Poor
10-Feb-11	10:18:49	18	Lead Paint Inspection	5.55	Negative	0.14	0.05	Building 92	2nd Floor	ceiling	North	Concrete	white	Poor
10-Feb-11	10:19:29	19	Lead Paint Inspection	5.64	Negative	0.06	0.03	Building 92	2nd Floor	ceiling	East	Concrete	white	Poor
10-Feb-11	10:19:57	20	Lead Paint Inspection	5.57	Negative	0.05	0.03	Building 92	2nd Floor	ceiling	East	Concrete	white	Poor
10-Feb-11	10:20:24	21	Lead Paint Inspection	5.59	Negative	0.21	0.11	Building 92	2nd Floor	ceiling	South	Concrete	white	Poor
10-Feb-11	10:20:42	22	Lead Paint Inspection	5.55	Negative	0.13	0.04	Building 92	2nd Floor	ceiling	South	Concrete	white	Poor
10-Feb-11	10:21:05	23	Lead Paint Inspection	10.72	Negative	0.01	0.01	Building 92	2nd Floor	ceiling	West	Concrete	white	Poor
10-Feb-11	10:21:44	24	Lead Paint Inspection	5.84	Positive	0.6	0.02	Building 92	2nd Floor	ceiling	West	Concrete	white	Poor

Amereco Engineering  
 204 E. Jefferson Street  
 Valparaiso, Indiana 46383  
 219.531.0531

XRF Report  
Paint Summary Report  
Engineering Building - Studebaker, South Bend, IN

Date	Time	Reading	Mode	LiveTime	Pass Fail Standard	Pb	Pb +/-	Site	Room	Component	Side	Substrate	Color	Condition
23-Feb-11	9:36:42	1	Standardization	33.8	PASS									
23-Feb-11	9:45:37	2	Lead Paint Inspection	5.62	Negative	0.17	0.09	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	9:46:08	3	Lead Paint Inspection	5.73	Negative	0	0	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	9:46:29	4	Lead Paint Inspection	5.81	Positive	1.07	0.21	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	9:47:08	5	Lead Paint Inspection	13.44	Positive	0.6	0.06	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	9:48:04	6	Lead Paint Inspection	10.96	Negative	0.18	0.05	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	9:51:16	7	Lead Paint Inspection	17.38	Positive	0.6	0.05	Studebaker Engineering Bldg	1	wall	B	Concrete	white	Poor
23-Feb-11	9:53:25	8	Lead Paint Inspection	5.88	Positive	0.84	0.11	Studebaker Engineering Bldg	1	wall	B	Concrete	white	Poor
23-Feb-11	9:54:21	9	Lead Paint Inspection	26.13	Positive	0.6	0.06	Studebaker Engineering Bldg	1	wall	C	Concrete	white	Poor
23-Feb-11	9:55:39	10	Lead Paint Inspection	26.32	Positive	0.6	0.07	Studebaker Engineering Bldg	1	wall	C	Concrete	white	Poor
23-Feb-11	9:57:17	11	Lead Paint Inspection	5.68	Negative	0.11	0.15	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	9:57:38	12	Lead Paint Inspection	5.67	Negative	0.07	0.05	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	9:58:00	13	Lead Paint Inspection	5.74	Negative	0.09	0.06	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	9:58:21	14	Lead Paint Inspection	3.13	Positive	0.6	0.08	Studebaker Engineering Bldg	1	column		Concrete	white	Poor
23-Feb-11	10:00:24	15	Lead Paint Inspection	3.22	Positive	0.6	0.02	Studebaker Engineering Bldg	1	ceiling		Concrete	white	Poor
23-Feb-11	10:07:49	16	Standardization	33.52	PASS									
23-Feb-11	10:09:30	17	Lead Paint Inspection	5.69	Positive	0.6	0.07	Studebaker Engineering Bldg	1	ceiling		Concrete	white	Poor
23-Feb-11	10:11:26	18	Lead Paint Inspection	5.71	Negative	0.08	0.07	Studebaker Engineering Bldg	1	ceiling		Concrete	white	Poor
23-Feb-11	10:12:29	19	Lead Paint Inspection	3.16	Positive	0.6	0.06	Studebaker Engineering Bldg	1	ceiling		Concrete	white	Poor

B side=east  
C side=south