Ninyo & Moore
Geotechnical and Environmental Sciences Consultants

REVISED ASBESTOS AND LEAD-BASED PAINT SURVEY MOUNT VERNON AVENUE BRIDGE SAN BERNARDINO, CALIFORNIA

PREPARED FOR:
IFC Jones & Stokes
9775 Businesspark Avenue
San Diego, California 92131

PREPARED BY:
Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
475 Goddard, Suite 200
Irvine, California 92618

January 13, 2010
Project No. 205732002

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Project No. 205732002

Ms. Jean LaFontaine, Project Manager
IFC Jones & Stokes
9775 Businesspark Avenue
San Diego, California 92131

Subject: Revised Asbestos and Lead-Based Paint Survey
Mount Vernon Avenue Bridge
San Bernardino, California

Dear Ms. LaFontaine:

In accordance with your authorization to proceed, Ninyo & Moore has performed an Asbestos and Lead-Based Paint Survey at the Mount Vernon Avenue Bridge in San Bernardino, California. The attached report presents our methodology, findings, conclusions, and recommendations regarding our survey.

We appreciate the opportunity to be of service to you on this important project. Should you have any questions regarding this report, please contact me at your convenience.

Sincerely,
NINYO & MOORE

Dana E. Williams
Certified Asbestos Consultant No. 93-1168

Gene Berkland, P.E.
Senior Engineer

DEW/GOB/mlc/glw

Distribution: (1) Addressee
(1) Ms. Alicia, Colburn, AECOM/LAN Engineering
(1) Mr. Mike Grubbs, City of San Bernardino
(3) Ms. Julie Lugaro, Caltrans District 8

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1. INTRODUCTION

In accordance with your request and authorization to proceed, Ninyo & Moore has performed an asbestos survey and has coordinated the performance of a lead-based paint (LBP) survey at the Mount Vernon Avenue Bridge (bridge) located in San Bernardino, California (Figure 1). This report has been prepared in accordance with generally accepted environmental science and engineering practices. This report is based upon conditions at the bridge at the time of the sampling activities and provides documentation of our findings and recommendations.

2. PURPOSE AND SCOPE OF SERVICES

The purpose of the survey was to evaluate the subject site for the presence of asbestos-containing materials (ACMs) and LBP. The objective of the survey was to gain information regarding site conditions to assist in the possible demolition and/or renovation activities associated with the bridge. Ninyo & Moore performed the following services:

- Performance of a visual reconnaissance of the readily accessible areas of the site to evaluate the possible presence of ACMs.
- Collection of 8 building material samples and submittal of these samples to an independent laboratory for analysis of asbestos content.
- Collection of 53 x-ray fluorescence (XRF) readings of potential LBP.
- Preparation of a site plan showing bulk sample locations.
- Preparation of this report summarizing our field activities, laboratory test results, conclusions, and recommendations.

3. SITE DESCRIPTION

The existing bridge, designated by Caltrans as Bridge No. 54-C0066, and its approaches are along Mount Vernon Avenue, between 2nd and 5th Streets, in San Bernardino, California (Figure 2).

The south bridge approach extends approximately 200 feet to the north from 2nd Street. The north bridge approach extends approximately 100 feet to the south from 4th Street. The bridge is an ap-

proximately 76 feet wide and approximately 1,000 feet long concrete bridge. Pipe insulation was noted on the northern portion of the bridge along the eastern and western sides. The insulation was situated near the lower edges of the bridge bottom.

4. PHYSICAL LIMITATIONS

The bridge extends over a Burlington Northern and Sante Fe (BNSF) Railroad Intermodal Facility. Ninyo & Moore could only access the northern and southern portions of the bridge underside and did not enter the BNSF yard.

5. SAMPLE COLLECTION

On April 26, 2004, Ninyo & Moore personnel conducted an asbestos survey, and Barr & Clark was contracted to conduct a LBP survey of the site. The surveys followed United States Environmental Protection Agency (EPA) guidelines, within the limitations of the scope of this survey. The asbestos survey was performed by a Cal OSHA-Certified Asbestos Consultant and consisted of collecting building materials from the bridge. The LBP survey was conducted by a California Certified Lead Paint Inspector/Assessor.

5.1. Asbestos Survey

A preliminary visual assessment and bulk-sampling survey of suspect ACMs was performed. Representative samples of the suspect ACMs were collected after identification of homogeneous sampling areas (areas in which the materials are uniform in color, texture, construction or application date, and general appearance). Each homogeneous area was observed for material type, location, condition, and friability. Representative samples were collected from each area except areas that were inaccessible, or areas of assumed ACM, within the limitations of the survey. Samples were collected using EPA-recommended sampling procedures. Building materials which were sampled and analyzed for the presence of asbestos are presented in Table 1. The locations of bulk asbestos samples are shown on Figure 2.

5.2. Paint Survey

To assess the painted surfaces portable XRF spectrum analyzer technologies were utilized. The survey was conducted in general accordance with accepted environmental science and engineering practices.

A total of 53 XRF readings were analyzed. The XRF results are in the LBP inspection report in Appendix B.

6. LABORATORY ANALYSES AND RESULTS

6.1. Asbestos Analysis

Eight samples of suspect ACMs were collected and transferred to LA Testing. LA Testing is an accredited laboratory in the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos fiber analysis. The samples were analyzed using Polarized Light Microscopy with dispersion staining (PLM/Ds), for the presence and quantification of asbestos fibers, in general accordance with EPA Method 600/M4-82-020. The lower limit of reliable detection for asbestos using the PLM method is approximately 1 percent by volume. California regulations now define ACMs as those materials having an asbestos content of greater than one tenth of 1 percent (0.1 percent). Materials in which no asbestos was detected are defined in the laboratory report as “None detected.” Materials containing asbestos, but in amounts less than 1 percent are defined as containing “trace” amounts. Building materials with an asbestos concentration greater than trace amounts are listed in Section 7 of this report. Suspect materials sampled and the analytical results are summarized in Table 1. A copy of the laboratory analytical report and chain-of-custody record is presented in Appendix A.

6.2. Paint Analysis

Currently, the State of California and the EPA stipulate what concentrations of lead in non-volatile components of surface coatings or materials determine a material to be a LBP. The California Department of Public Health (CDPH) stipulates that materials containing an

amount equal to or in excess of 1 milligram per square centimeter (1.0 mg/cm^2), or more than half of one percent (0.5 percent) by weight, constitute a LBP. The HUD guideline for designating a painted surface as lead containing is consistent with the DHS. Paint that is chipping or peeling, or that may be removed from surfaces, and has a lead content equal to or greater than 1,000 milligrams per kilogram (mg/kg), would require handling as a California Title 22 hazardous waste.

7. FINDINGS AND OPINIONS

7.1. Asbestos

Based on the analytical results of bulk samples collected during this survey, ACMs located at the site are as follows:

- Approximately 100 linear feet (LF) of pipe insulation, assumed to be asbestos-containing, located on the east side of the bridge. This material was inaccessible and could not be sampled.

Please note that quantities of ACMs are approximate. These numbers should be confirmed prior to removal or repair activities.

The presence of ACMs does not necessarily mean that the health of the occupants is endangered. If these materials are in good condition and have not been disturbed or deteriorated, exposures are expected to be negligible. However, when ACM deteriorates or is disturbed or is in damaged condition, such as during demolition operations, asbestos fibers may be released creating a potential health hazard for building occupants, maintenance personnel, and contractors.

7.2. Paint

Based on the analytical results of 53 XRF samples collected during our survey, the following painted surfaces contained concentrations of lead greater than 1.0 mg/cm^2:

- Metal beams and columns under the bridge.

- Concrete foundations (yellow) on the north side of bridge, under support columns.
- Concrete foundations (red) on the south side of the bridge under support columns.
- Yellow stripes on asphalt and concrete pavement in the middle of Mount Vernon Avenue.
- Red curbs along the northwest and northeast sides of Mount Vernon Avenue.
- Yellow curbs on the north and south center islands.

A copy of the LBP Survey report is presented in Appendix B. A copy of the current Lead-Related Construction Certification is presented in Appendix C.

8. RECOMMENDATIONS

Since ACMs and LBPs have been identified at the subject site, the following recommendations and precautions are provided:

- The identified ACMs should not be disturbed. Prior to renovation or demolition work which would disturb identified ACMs, a Cal OSHA-licensed certified asbestos abatement removal contractor should remove the ACMs.
- A Notification should be sent to South Coast Air Quality Management District (SCAQMD) 10 working days prior to any ACM removal or demolition activities as per Rule 1403. In addition the Notification should included applicable fees as per Rule 301. A copy of a SCAQMD Notification with Rule 301 fees is included in Appendix D.
- The identified LBPs should not be disturbed. Any LBPs in a non-intact condition should be abated and the component properly encapsulated. Prior to demolition work which would disturb identified LBPs, a licensed lead abatement removal contractor should remove the LBPs.
- Applicable laws and regulations should be followed, including those provisions requiring notification to building occupants, renovation contractors, and workers of the presence of asbestos and LBP.
- The OSHA regulations for construction found in Title 29 CFR part 1926 include occupational exposure to lead under the standard number 1926.62. Additional requirements are found in the California standard 8 CCR Section 1532.1. Any employer covered by these standards is obligated to initially determine if any employee may be exposed to lead at or above the action level (29 CFR 1926.62(d)(1)(i) and 8 CCR 1532.1(d)). Additionally, the employer is obligated to prepare a project specific Lead Compliance Plan (LCP) in accor-

dance with 29 CFR 1926.62 (e)(2). It is recommended that a LCP be developed and implemented for construction related activities associated with this project site.

- Per Caltrans requirements, projects involving the removal of yellow traffic striping, thermoplastic paint, must be performed in accordance with Caltrans Department Standard Special Provision (SSP) 14-001.

9. LIMITATIONS

Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited sampling and chemical analysis. Further assessment of potential adverse environmental impacts may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated. However, if additional suspect ACMs are encountered during demolition activities, these materials should be sampled by qualified personnel, and analyzed for content prior to further disturbance. In addition, please note that quantities of ACMs are approximate. These numbers should be confirmed prior to removal or repair activities.

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

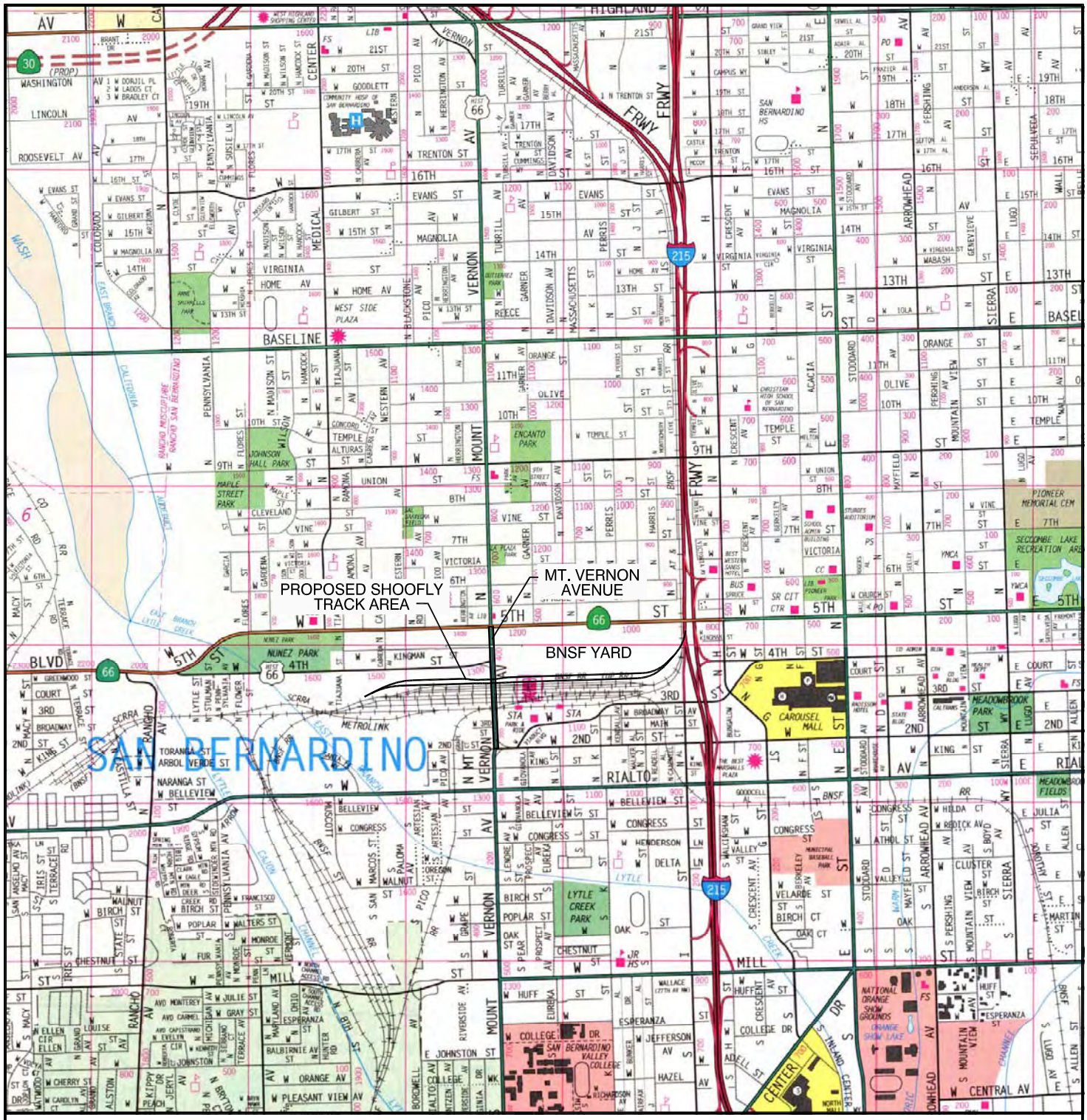
The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific

chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a site can change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

Table 1 – Asbestos Survey Results

Sample ID No.	Sample Location	Sample Description	Result	Approximate Quantity (SF/LF/EA)	Condition
01	Northwest on ramp wall	Sealant	None detected	Not applicable	Good
02	Northwest on ramp wall	Sealant	None detected	Not applicable	Good
03	Northwest on ramp wall	Sealant	None detected	Not applicable	Good
04	Northwest wall	Stucco	None detected	Not applicable	Good
05	Northwest wall	Stucco	None detected	Not applicable	Good
06	Southwest wall	Stucco	None detected	Not applicable	Good
07	Southwest wall	Stucco	None detected	Not applicable	Good
08	Southwest wall	Stucco	None detected	Not applicable	Good



205732_A1.DWG

REFERENCE: 2007 THOMAS GUIDE FOR LOS ANGELES/ORANGE COUNTIES, STREET GUIDE AND DIRECTORY

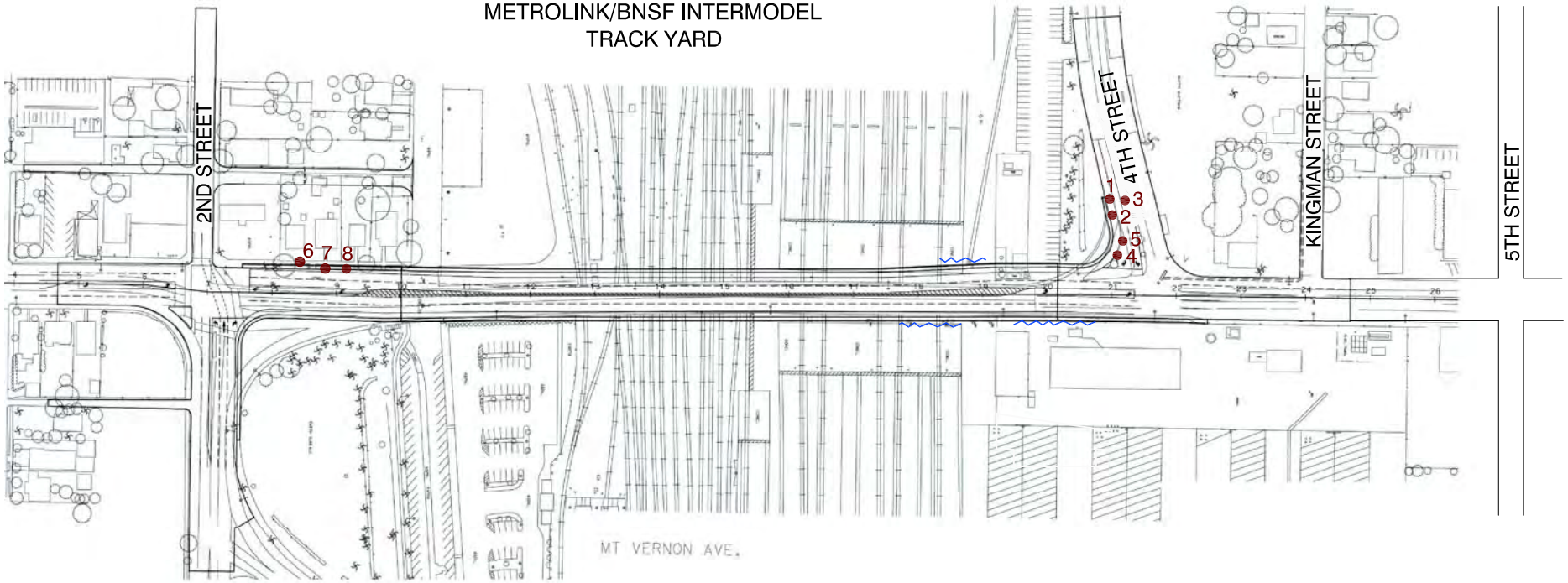
APPROXIMATE SCALE IN FEET

0 2400 4800

N

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore	SITE LOCATION MAP	FIGURE
PROJECT NO.	DATE	
205732002	1/10	1
	MOUNT VERNON AVENUE BRIDGE SAN BERNARDINO, CALIFORNIA	



LEGEND	
8 ●	APPROXIMATE BULK SAMPLE LOCATION
~~	APPROXIMATE LOCATION OF PIPE INSULATION

N

APPROXIMATE SCALE IN FEET

0 250 500

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SAMPLE LOCATION MAP	FIGURE
PROJECT NO.	DATE	MOUNT VERNON AVENUE BRIDGE SAN BERNARDINO, CALIFORNIA	2
205732002	1/10		

205732_A2.DWG

APPENDIX A

ASBESTOS ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY RECORDS

LA Testing
159 Pasadena Avenue, South Pasadena, CA 91030
Phone: (323) 254-9960 Fax: (323) 254-9982 Email: pasadenalab@latesting.com

Attn: Dana Williams
Ninyo & Moore
475 Goddard
Suite #200
Irvine, CA 92618
Fax: (949) 753-7071 Phone: (949) 753-7070
Project: **205732001/Mt. Vernon**

Customer ID: 32ninm50
Customer PO:
Received: 04/27/04 9:00 AM

LA Testing Order 320404307
LA Testing Proj:
Analysis Date: 4/27/2004

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-Asbestos		Asbestos
Sample	Location	Appearance	Treatment	% Fibrous	% Non-Fibrous	% Type
1 *320404307-0001*	nw side	Gray Non-Fibrous Homogeneous	Crushed		100% Matrix	None Detected
2 *320404307-0002*	nw side	Gray Non-Fibrous Homogeneous	Crushed		100% Matrix	None Detected
3 *320404307-0003*	nw side	Gray Non-Fibrous Homogeneous	Crushed		100% Matrix	None Detected
4 *320404307-0004*	nw side	Gray Non-Fibrous Homogeneous	Crushed	<1% Cellulose	100% Matrix	None Detected
5 *320404307-0005*	nw side	Gray Non-Fibrous Homogeneous	Crushed	<1% Cellulose	100% Matrix	None Detected
6 *320404307-0006*	sw side	Gray Non-Fibrous Homogeneous	Crushed	<1% Cellulose	100% Matrix	None Detected
7 *320404307-0007*	sw side	Gray Non-Fibrous Homogeneous	Crushed	<1% Cellulose	100% Matrix	None Detected
8 *320404307-0008*	sw side	Gray Non-Fibrous Homogeneous	Crushed		100% Matrix	None Detected

Analyst(s)

Rafik Vartanian, Ph.D (8)

or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client.
Analysis performed by LA Testing (NVLAP #200232-0)

THIS IS THE LAST PAGE OF THE REPORT.

320404307

CHAIN OF CUSTODY

159 Pasadena Ave., South Pasadena, CA 91030
800-303-0047 Phone 323-254-9982 Fax

Date:	4/26/04	LA TESTING - Bill To:	
Your Name:	Dana Williams	Name:	
Company:	Ninyo & Moore	Company:	
Address:	475 Goddard, Suite 200	Address:	
City, State Zip:	Irvine, CA 92618	City, State Zip:	
Phone Results To:		Purchase Order #:	
Fax Results To:	(949) 753-7071	LA TESTING SALES REP:	Ray Zarabi

Project Name / Number: Mt. Vernon / 205732001

Requested Analysis: Place (x)

ASBESTOS	RUSH	6 HR	12 HR	24 HR	48 HR	72 HR	5 DAY	> 6 DAYS
TEM AIR								
EPA LEVEL II	***							
AHERA	***							
NIOSH 7402	***							
PCM AIR								
NIOSH, OSHA								
PLM BULK								
EPA600/R-93/116		X						
EPA Point Count								
GRAVIMETRIC								
TEM BULK								
DropMount(qualitative)								
Conventional	____							
Chatfield - Gravimetric	____	____						
Microvac (ASTM)	____							
Microvac (qualitative)	____							
Wipes(qualitative)								
Wipes (quantitative)	____							
TEM -WATER								
Drinking Water	____	____						
Waste Water, Sludge	____	____						
Soveats, Chemicals, Oil	____	____						

LEAD	RUSH	6 HR	12 HR	24 HR	48 HR	72 HR	5 DAY	> 6 DAYS
FLAME AA chips, wipes, air, soil, wastewater								

SAMPLES ACCEPTED FOR ANALYSIS BY LA TESTING

Client Sample Numbers: 1 - 8 Total Number Of Samples: 8

Relinquished By	Dana Williams	Date: 4/26/04	Time:
Received By:		Date: 4/26/04	Time: 9 AM
Relinquished By:		Date:	Time:
Received By:		Date:	Time:

ASBESTOS BULK SAMPLE DATA SHEET

4307

Sheet 1 of _____

Ninyo & Moore 475 Goddard, Suite 200 Irvine, CA 92618 Tel: (949) 753-7070 Fax: (949) 753-7071	**Project Name :** Mt. Vernon Project No.: 205732001 Project Manager: Dana Williams	Date Sampled: 4/26/04 Sampled By: Dana Williams Sampled By: Date Sampled:	**Laboratory:** LA Testing Tel: Fax:

CHAIN OF CUSTODY INFORMATION:

Relinquished By: (sign/print)	Company	Date	Time□(24 hr.)	Received By: (sign/print)	Laboratory
D Williams	Ninyo&Moore	4/26/04		/	
/				/	

LabID	Sample ID	Building Number	Sample Location	Sample Description	Quantity (SF/LF/EA)	Friable (Y/N)	Condition
	1		North West Side	Concrete			
	2		"				
	3		"				
	4		North West Side	Stucco			
	5		"				
	6		South West Side				
	7		"				
	8		"				

SAMPLES ACCEPTED FOR ANALYSIS BY LA TESTING

APPENDIX B

BARR & CLARK LEAD-BASED PAINT SURVEY REPORT

BARR & CLARK
Independent Environmental Testing
ASBESTOS • LEAD • PHASE 1

LEAD-BASED PAINT INSPECTION REPORT

OF

MT. VERNON AVENUE BRIDGE
SAN BERNARDINO, CA

PROJECT NO. 240473

APRIL 26, 2004

Prepared For:
Ninyo and Moore
475 Goddard, Suite 200
Irvine, CA 92618

Prepared By:

Alex Romani
State of California Certified
Lead Inspector / Risk Assessor

DEPARTMENT OF HEALTH SERVICES
ALEX ROMANI
No. 110575
LEAD-RELATED CONSTRUCTION
STATE OF CALIFORNIA

Reviewed By:

Matt Crochet
State of California Certified
Lead Inspector / Risk Assessor

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Project No. 240473

BARR & CLARK • 22850 Crenshaw Blvd., • Suite 200 • Torrance, California 90505 • (310) 517-0805 • Fax: (310) 517-0822

LEAD-BASED PAINT INSPECTION REPORT

1.0 INTRODUCTION

This report presents the results of Barr & Clark Environmental's lead-based paint (LBP) inspection of the Mt. Vernon Avenue Bridge located in San Bernardino, California (Subject Property). This document is prepared for the sole use of Ninyo and Moore, and any regulatory agencies that are directly involved in this project. No other party should rely on the information contained herein without prior written consent of Ninyo and Moore. The scope of services, inspection methodology, and results are presented below.

2.0 SCOPE OF WORK

The purpose of this inspection is to identify and assess the Lead-Based Paint (LBP) present on painted components at the subject property.

On April 26, 2004, Barr & Clark performed an inspection for lead-based paint at the subject property in San Bernardino, California. To comply with EPA and HUD guidelines, painted and varnished surfaces on every accessible surface were sampled for the presence of LBP. The intent was to ascertain the presence of lead-based paint above the federal action level. If LBP was found, the inspection would identify individual architectural components and their respective concentrations of lead in such a manner that this report would be used to characterize the presence of LBP at this property.

3.0 INSPECTOR'S QUALIFICATIONS

Matt Crochet of Barr & Clark performed the inspection at the site using an RMD LPA-1 XRF spectrum analyzer instrument. He has attended the radiation safety course for handling the instrument, and completed an EPA approved curriculum in Lead in Construction Inspector / Risk Assessor Training.

At the time of this report, the California Department of Health Services, Childhood Lead Poisoning Branch, has implemented a State Certification Model Accreditation Plan adopted from the EPA. Matt Crochet has received certification. Personnel certificate(s) have been provided in ***Appendix C.***

4.0 TESTING PROTOCOL

XRF Testing: Testing of the painted surfaces was patterned after the inspection protocol in Chapter 7 of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing[i]. In every "room equivalent" within the tested property, one representative surface of each "testing combination" was tested. Multiple readings were collected to resolve inconsistencies in the test results.

Regulatory Compliance: Several public (government) agencies have a published "regulatory action level" to classify LBP. To further complicate matters, some of the established "levels" are quantified in

different units of measurement. Listed below are the current regulatory agencies that have defined LBP, along with the respective action level:

Agency	Ordinance #	Action level (mg / cm^2)	Action level (ppm[ii])
HUD / EPA	24 CFR 35.86 & 40 CFR 745.103	1.0 mg / cm^2	5,000 ppm
OSHA / CAL OSHA	29 CFR 1926.62 & Title 8, 1532.1	*Not Specified*	600 ppm[iii]

HUD / EPA have recently issued the following guidance regarding units of measurement for paint samples:

"Report lead paint amounts in mg/cm² because this unit of measurement does not depend on the number of layers of non-lead-based paint and can usually be obtained without damaging the painted surface. All measurements of lead in paint should be in mg/cm², unless the surface area cannot be measured or if all paint cannot be removed from the measured surface area. In such cases, concentrations may be reported in weight percent (%) or parts per million by weight (ppm)."[iv]

Furthermore, EPA has previously issued guidance on lead content classification as follows:

"... The rule, at 24 CFR 35.86 and 40 CFR 745.103 states that a lead-based paint free finding must demonstrate that the building is free of 'paint or other surface coatings that contain lead in excess of 1.0 milligrams per square centimeter *(1.0 mg / cm^2)* or 0.5 percent by weight *(5000 ppm)*.' The State standards are not applicable, whether more or less stringent, since a State cannot amend Federal requirements."[v]

In recognition of the various action levels the testing results are classified as follows for this report:

- Painted surfaces with readings at or above 1.0 mg / cm^2 are considered - Positive
- Painted surfaces with readings at or below 0.9 mg / cm^2 are considered - Negative

The individual readings have been provided on all field data sheets. Any future change in action levels by one of the regulating agencies may affect the classification of results.

5.0 METHOD OF TESTING

Paint Testing: The method employed was X-ray fluorescence (XRF) using a Radiation Monitoring Device Lead Paint Analyzer (RMD LPA-1). The instrument was operated in "Quick Mode," where the duration for each test result is determined by a combination of:

- the actual reading relative to the designated action level;
- the age of the radioactive source; and
- the substrate on which the test was taken.

The instrument's calibration was verified according to the manufacturer's specifications in compliance with the Performance Characteristic Sheet (PCS) developed for this instrument.

The readings from this instrument produce a 95% confidence level that the "lead" reading accurately reflects the actual level of lead in the tested surfaces, relative to the federal action level.

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6.0 SUMMARY OF RESULTS

Paint Sampling: Throughout the subject property, several of the painted components indicated the presence of lead-based paint (LBP) at or above the action level. The following summary lists the specific components that tested above the action level and their respective locations:

Bridge Bottom

- Metal beams and columns under the bridge
- Concrete foundations (yellow) on the north side under support columns
- Concrete foundations (red) on the south side under support columns

Bridge Top

- Yellow concrete and asphalt stripes in the middle of the road
- Red curbs along the street on the northeast and northwest sides
- Yellow curbs on the north and south center islands

Sampling for this inspection was representative and any components that were not tested but similar to those components that tested positive for LBP should be considered and treated as lead laden.

7.0 RECOMMENDATIONS

The greatest potential for lead exposure from lead painted architectural components occurs when:

- the paint has become defective; or
- when the paint is applied to a friction / impact component where the paint is continually disturbed; or
- when the paint is disturbed through routine maintenance or renovation activities.

With this in mind, the following are our recommendations for this property:

- The results from this inspection should be provided to any individuals that may disturb the painted surfaces. It is encouraged to utilize professionals that have experience working with LBP.
- If renovation is scheduled in the near future (less than three months), all lead painted components that have been previously targeted for replacement should be replaced utilizing "lead safe" containment and work practices.
- ALL components that have been identified with defective lead paint should have the paint repaired as soon as possible. Any paint repair should be done utilizing "lead safe" containment, work practices, and clean-up techniques.
- All components with lead painted friction / impact surfaces should be treated to minimize the friction or impact as necessary.
- Lead painted components that **have not** been targeted for replacement should either be considered for abatement (replacement, enclosure, encapsulation, etc.) or included in an Operations & Management (O & M) Plan that will help to minimize exposures to lead hazards.
- All lead painted surfaces that are not expected to be impacted in the near future (less than three months) should also be included the O & M plan.

8.0 INSPECTION LIMITATIONS

This inspection was planned, developed, and implemented based on Barr & Clark's previous experience in performing lead-based paint inspections. This inspection was patterned after Chapter 7 of the *HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision)*. Barr & Clark utilized state-of-the-art-practices and techniques in accordance with regulatory standards while performing this inspection. Barr & Clark's evaluation of the relative risk of exposure to lead identified during this inspection is based on conditions observed at the time of the inspection. Barr & Clark cannot be responsible for changing conditions that may alter the relative exposure risk or for future changes in accepted methodology. Enclosed are the diagram(s), actual test results, and all relevant certifications and licenses.

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i 1997 Revision
ii Parts per million
iii Applies to construction related activities
iv Chapter 7 of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision).
v Office of Pollution Prevention and Toxics, (August 20, 1996)

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SUMMARY OF EXTERIOR

Project Name: Mt. Vernon Avenue Bridge **Project Number:** 240473
Address:

Component	Number Tested	Number Positive	Percent Positive	Number Negative	Percent Negative
Asphalt Stripe	6	2	33.33%	4	66.67%
Concrete Column	5			5	100.00%
Concrete Curb	12	9	75.00%	3	25.00%
Concrete Foundation	5	5	100.00%		
Concrete Railing	2			2	100.00%
Concrete Stripe	3	3	100.00%		
Metal Beam	4	4	100.00%		
Metal Column	4	4	100.00%		
Metal Post	4			4	100.00%
Metal Sign	1			1	100.00%
Metal Wall	3			3	100.00%
Stucco Wall	4			4	100.00%
Totals:	**53**	**27**		**26**	

Testing done in compliance with current HUD guidelines for XRF.

LEAD CONTAINING COMPONENTS LIST

Exterior Lead Containing Components List

Project Name: Mt. Vernon Avenue Bridge
Address:

Project ID: 240473

Sample	Side	Testing Combination	Room Equivalent	Lead	Results	Condition	Comments
34		Asphalt Stripe	Bridge Top	1.2	POSITIVE	DAMAGED	Yellow
33		Asphalt Stripe	Bridge Top	1.7	POSITIVE	DAMAGED	Yellow
41	N	Concrete Curb	Bridge Top	1.0	POSITIVE	DAMAGED	Red - Northwest
44	N	Concrete Curb	Bridge Top	1.5	POSITIVE	DAMAGED	Red - Northwest
45	N	Concrete Curb	Bridge Top	1.6	POSITIVE	DAMAGED	Red - Northwest
46	N	Concrete Curb	Bridge Top	1.6	POSITIVE	DAMAGED	Yellow - Center Island
47	N	Concrete Curb	Bridge Top	1.2	POSITIVE	DAMAGED	Yellow - Center Island
40	N	Concrete Curb	Bridge Top	2.7	POSITIVE	DAMAGED	Red - Northeast
49	S	Concrete Curb	Bridge Top	2.2	POSITIVE	Intact	Yellow - Center Island
50	S	Concrete Curb	Bridge Top	7.0	POSITIVE	Intact	Yellow - Center Island
51	S	Concrete Curb	Bridge Top	4.4	POSITIVE	Intact	Yellow - Center Island
7	N	Concrete Foundation	Bridge Bottom	1.5	POSITIVE	Intact	Yellow
8	N	Concrete Foundation	Bridge Bottom	2.0	POSITIVE	Intact	Yellow
9	N	Concrete Foundation	Bridge Bottom	1.6	POSITIVE	Intact	Yellow
20	S	Concrete Foundation	Bridge Bottom	1.2	POSITIVE	DAMAGED	Red
19	S	Concrete Foundation	Bridge Bottom	1.0	POSITIVE	DAMAGED	Red
25		Concrete Stripe	Bridge Top	6.9	POSITIVE	DAMAGED	Yellow - Middle of the Road
26		Concrete Stripe	Bridge Top	9.2	POSITIVE	DAMAGED	Yellow - Middle of the Road
24		Concrete Stripe	Bridge Top	8.6	POSITIVE	DAMAGED	Yellow - Middle of the Road
6	N	Metal Beam	Bridge Bottom	15.0	POSITIVE	DAMAGED	Orange Primer
5	N	Metal Beam	Bridge Bottom	18.0	POSITIVE	DAMAGED	Orange Primer

The HUD action level for lead-based paint is 1.0 mg/cm2.
Positive is defined as XRF sampling with levels at or above 1.0 mg/cm2.

FIELD DATA REPORT

Project Name: Mt. Vernon Avenue Bridge

Address:

Project Number: 240473
Protocol: HUD

Sample	Unit ID / Location	Room Equivalent	Side	Component	Substrate	Condition	Lead	Results	Comments
1	Bridge	Exterior Bottom	N	Wall	Stucco	Intact	0.7	Negative	Northwest
2			N	Wall	Stucco	Intact	0.3	Negative	Northwest
3			N	Column	Metal	DAMAGED	16.0	POSITIVE	Orange Primer
4			N	Column	Metal	DAMAGED	14.0	POSITIVE	Orange Primer
5			N	Beam	Metal	DAMAGED	18.0	POSITIVE	Orange Primer
6			N	Beam	Metal	DAMAGED	15.0	POSITIVE	Orange Primer
7			N	Foundation	Concrete	Intact	1.5	POSITIVE	Yellow
8			N	Foundation	Concrete	Intact	2.0	POSITIVE	Yellow
9			N	Foundation	Concrete	Intact	1.6	POSITIVE	Yellow
10			S	Wall	Stucco	DAMAGED	0.6	Negative	Southwest
11			S	Wall	Stucco	DAMAGED	0.7	Negative	Southeast
12			S	Column	Metal	DAMAGED	12.0	POSITIVE	Orange Primer
13			S	Column	Metal	DAMAGED	12.0	POSITIVE	Orange Primer
14			S	Beam	Metal	DAMAGED	18.0	POSITIVE	Orange Primer
15			S	Beam	Metal	DAMAGED	27.0	POSITIVE	Orange Primer
16			S	Column	Concrete	Intact	0.2	Negative	Grey
17			S	Column	Concrete	Intact	0.1	Negative	Grey
18			S	Column	Concrete	Intact	0.1	Negative	Grey
19			S	Foundation	Concrete	DAMAGED	1.0	POSITIVE	Red
20			S	Foundation	Concrete	DAMAGED	1.2	POSITIVE	Red
21		Exterior Top		Wall	Metal	Intact	0.5	Negative	Metal Plates on Railings - Grey
22				Wall	Metal	Intact	0.2	Negative	Metal Plates on Railings - Grey
23				Wall	Metal	Intact	0.1	Negative	Metal Plates on Railings - Grey
24				Stripe	Concrete	DAMAGED	8.6	POSITIVE	Yellow - Middle of the Road
25				Stripe	Concrete	DAMAGED	6.9	POSITIVE	Yellow - Middle of the Road
26				Stripe	Concrete	DAMAGED	9.2	POSITIVE	Yellow - Middle of the Road
27				Column	Concrete	DAMAGED	0.2	Negative	Grey
28				Column	Concrete	DAMAGED	0.2	Negative	Grey
29				Stripe	Asphalt	DAMAGED	0.3	Negative	Yellow
30				Stripe	Asphalt	DAMAGED	0.5	Negative	White
31				Stripe	Asphalt	DAMAGED	0.4	Negative	White
32				Stripe	Asphalt	DAMAGED	0.5	Negative	White
33				Stripe	Asphalt	DAMAGED	1.7	POSITIVE	Yellow
34				Stripe	Asphalt	DAMAGED	1.2	POSITIVE	Yellow

The HUD action level for lead-based paint is 1.0 mg/cm2.
Positive is defined as XRF sampling with levels at or above 1.0 mg/cm2.

FIELD DATA REPORT

Project Name: Mt. Vernon Avenue Bridge

Address:

Project Number: 240473
Protocol: HUD

Sample	Unit ID / Location	Room Equivalent	Side	Component	Substrate	Condition	Lead	Results	Comments
35	Bridge	Exterior Top		Post	Metal	Intact	0.2	Negative	Light
36				Post	Metal	Intact	0.4	Negative	Light
37				Post	Metal	Intact	0.4	Negative	Light
38			N	Railing	Concrete	DAMAGED	0.3	Negative	Northwest - 1934
39			N	Railing	Concrete	DAMAGED	0.4	Negative	Northwest - 1934
40			N	Curb	Concrete	DAMAGED	2.7	POSITIVE	Red - Northeast
41			N	Curb	Concrete	DAMAGED	1.0	POSITIVE	Red - Northwest
42			N	Post	Metal	Intact	0.2	Negative	Sign Post - Green - Northeast
43			N	Sign	Metal	Intact	0.5	Negative	Rediscover Downtown
44			N	Curb	Concrete	DAMAGED	4.5	POSITIVE	Red - Northwest
45			N	Curb	Concrete	DAMAGED	1.5	POSITIVE	Red - Northwest
46			N	Curb	Concrete	DAMAGED	1.6	POSITIVE	Yellow - Center Island
47			N	Curb	Concrete	DAMAGED	1.2	POSITIVE	Yellow - Center Island
48			N	Curb	Concrete	DAMAGED	0.4	Negative	White - Center Island
49			S	Curb	Concrete	Intact	2.2	POSITIVE	Yellow - Center Island
50			S	Curb	Concrete	Intact	7.0	POSITIVE	Yellow - Center Island
51			S	Curb	Concrete	Intact	4.4	POSITIVE	Yellow - Center Island
52			S	Curb	Concrete	Intact	0.4	Negative	White - Center Island
53			S	Curb	Concrete	Intact	0.2	Negative	White - Center Island

The HUD action level for lead-based paint is 1.0 mg/cm2.
Positive is defined as XRF sampling with levels at or above 1.0 mg/cm2.

UNIVERSITY OF CALIFORNIA
UNIVERSITY EXTENSION, DAVIS
Western Regional Lead Training Center

IN RECOGNITION THAT

Matt Crochet

HAS ATTENDED THE FOLLOWING PROGRAM

EPA-Sponsored
Lead Inspectors Training
March 14 - 16, 1994

Passed final exam
Certificate Number 1078

Lead Abatement Program Manager

Certificate of Achievement

This is to certify that

Matt Crochet

on the 28th day of January 2000 successfully completed the factory training for

RMD's LPA-1 Lead Paint Inspection System

including, but not limited to, the topics of Radiation Safety and the Proper Use of the Instrument.

Jacob Paster, Vice President, RMD
44 Hunt St., Watertown, Massachusetts

Exterior Lead Containing Components List

Project Name: Mt. Vernon Avenue Bridge
Address:

Project ID: 240473

Sample	Side	Testing Combination	Room Equivalent	Lead	Results	Condition	Comments
34		Asphalt Stripe	Bridge Top	1.2	POSITIVE	DAMAGED	Yellow
33		Asphalt Stripe	Bridge Top	1.7	POSITIVE	DAMAGED	Yellow
41	N	Concrete Curb	Bridge Top	1.0	POSITIVE	DAMAGED	Red - Northwest
44	N	Concrete Curb	Bridge Top	1.5	POSITIVE	DAMAGED	Red - Northwest
45	N	Concrete Curb	Bridge Top	1.6	POSITIVE	DAMAGED	Red - Northwest
46	N	Concrete Curb	Bridge Top	1.6	POSITIVE	DAMAGED	Yellow - Center Island
47	N	Concrete Curb	Bridge Top	1.2	POSITIVE	DAMAGED	Yellow - Center Island
40	N	Concrete Curb	Bridge Top	2.7	POSITIVE	DAMAGED	Red - Northeast
49	S	Concrete Curb	Bridge Top	2.2	POSITIVE	Intact	Yellow - Center Island
50	S	Concrete Curb	Bridge Top	7.0	POSITIVE	Intact	Yellow - Center Island
51	S	Concrete Curb	Bridge Top	4.4	POSITIVE	Intact	Yellow - Center Island
7	N	Concrete Foundation	Bridge Bottom	1.5	POSITIVE	Intact	Yellow
8	N	Concrete Foundation	Bridge Bottom	2.0	POSITIVE	Intact	Yellow
9	N	Concrete Foundation	Bridge Bottom	1.6	POSITIVE	Intact	Yellow
20	S	Concrete Foundation	Bridge Bottom	1.2	POSITIVE	DAMAGED	Red
19	S	Concrete Foundation	Bridge Bottom	1.0	POSITIVE	DAMAGED	Red
25		Concrete Stripe	Bridge Top	6.9	POSITIVE	DAMAGED	Yellow - Middle of the Road
26		Concrete Stripe	Bridge Top	9.2	POSITIVE	DAMAGED	Yellow - Middle of the Road
24		Concrete Stripe	Bridge Top	8.6	POSITIVE	DAMAGED	Yellow - Middle of the Road
6	N	Metal Beam	Bridge Bottom	15.0	POSITIVE	DAMAGED	Orange Primer
5	N	Metal Beam	Bridge Bottom	18.0	POSITIVE	DAMAGED	Orange Primer

The HUD action level for lead-based paint is 1.0 mg/cm2.
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Exterior Lead Containing Components List

Project Name: Mt. Vernon Avenue Bridge
Address:

Project ID: 240473

Sample	Side	Testing Combination	Room Equivalent	Lead	Results	Condition	Comments
15	S	Metal Beam	Bridge Bottom	27.0	POSITIVE	DAMAGED	Orange Primer
14	S	Metal Beam	Bridge Bottom	18.0	POSITIVE	DAMAGED	Orange Primer
3	N	Metal Column	Bridge Bottom	16.0	POSITIVE	DAMAGED	Orange Primer
4	N	Metal Column	Bridge Bottom	14.0	POSITIVE	DAMAGED	Orange Primer
13	S	Metal Column	Bridge Bottom	12.0	POSITIVE	DAMAGED	Orange Primer
12	S	Metal Column	Bridge Bottom	12.0	POSITIVE	DAMAGED	Orange Primer

The HUD action level for lead-based paint is 1.0 mg/cm2.
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FIELD DATA

FIELD DATA REPORT

Project Name: Mt. Vernon Avenue Bridge

Address:

Project Number: 240473
Protocol: HUD

Sample	Unit ID / Location	Room Equivalent	Side	Component	Substrate	Condition	Lead	Results	Comments
1	Bridge	Exterior Bottom	N	Wall	Stucco	Intact	0.7	Negative	Northwest
2			N	Wall	Stucco	Intact	0.3	Negative	Northwest
3			N	Column	Metal	DAMAGED	16.0	POSITIVE	Orange Primer
4			N	Column	Metal	DAMAGED	14.0	POSITIVE	Orange Primer
5			N	Beam	Metal	DAMAGED	18.0	POSITIVE	Orange Primer
6			N	Beam	Metal	DAMAGED	15.0	POSITIVE	Orange Primer
7			N	Foundation	Concrete	Intact	1.5	POSITIVE	Yellow
8			N	Foundation	Concrete	Intact	2.0	POSITIVE	Yellow
9			N	Foundation	Concrete	Intact	1.6	POSITIVE	Yellow
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11			S	Wall	Stucco	DAMAGED	0.7	Negative	Southeast
12			S	Column	Metal	DAMAGED	12.0	POSITIVE	Orange Primer
13			S	Column	Metal	DAMAGED	12.0	POSITIVE	Orange Primer
14			S	Beam	Metal	DAMAGED	18.0	POSITIVE	Orange Primer
15			S	Beam	Metal	DAMAGED	27.0	POSITIVE	Orange Primer
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17			S	Column	Concrete	Intact	0.1	Negative	Grey
18			S	Column	Concrete	Intact	0.1	Negative	Grey
19			S	Foundation	Concrete	DAMAGED	1.0	POSITIVE	Red
20			S	Foundation	Concrete	DAMAGED	1.2	POSITIVE	Red
21		Exterior Top		Wall	Metal	Intact	0.5	Negative	Metal Plates on Railings - Grey
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30				Stripe	Asphalt	DAMAGED	0.5	Negative	White
31				Stripe	Asphalt	DAMAGED	0.4	Negative	White
32				Stripe	Asphalt	DAMAGED	0.5	Negative	White
33				Stripe	Asphalt	DAMAGED	1.7	POSITIVE	Yellow
34				Stripe	Asphalt	DAMAGED	1.2	POSITIVE	Yellow

The HUD action level for lead-based paint is 1.0 mg/cm2.
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FIELD DATA REPORT

Project Name: Mt. Vernon Avenue Bridge

Address:

Project Number: 240473
Protocol: HUD

Sample	Unit ID / Location	Room Equivalent	Side	Component	Substrate	Condition	Lead	Results	Comments
35	Bridge	Exterior Top		Post	Metal	Intact	0.2	Negative	Light
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STATE OF CALIFORNIA—HEALTH AND HUMAN SERVICES AGENCY GRAY DAVIS, *Governor*

DEPARTMENT OF HEALTH SERVICES
CHILDHOOD LEAD POISONING PREVENTION BRANCH
1515 Clay Street, Suite 1801
OAKLAND, CA 94612
(510) 622-5000

May 16, 2001

Mr. Matthew P. Crochet

Dear Mr. Crochet:

Your California Department of Health Services (DHS) Lead Certificate(s) has been renewed. **Please note that your expiration date(s) changed. From this point forward it will be your date of birth.**

Type of Certificate	Certificate ID #	Expiration Date
Project Monitor	**M-12**	**06/13/2002** > SEE BELOW
Inspector/Assessor	**I-12**	**06/13/2002**

The enclosed certificate card serves as your proof of certification renewal by the Department. Please note that alteration of any information or fraudulent use of your card may result in revocation of your certificate. If your card is lost, stolen or inaccurate please notify DHS immediately. Cut up or destroy your old card when your certificate expires.

To ensure that your certificate is renewed before it expires, please submit your next renewal application to the Department at least 120 days before the expiration date(s) above. Call the Lead Related Construction Information Line at 1-800-597-5323 for renewal forms and instructions. (From outside California, call (510) 622-5072.) You may also obtain forms at our website: **www.dhs.ca.gov/childlead**.

If you change your home or mailing address, please notify the Department within 30 days by calling 1-800-597-5323 or by writing to us at 1515 Clay Street, Suite 1801, Box C, in Oakland, California, 94612. If you fail to notify us of changes in your address, we will be unable to send your certification materials in the future. Thank you for your cooperation and continued efforts in helping to prevent childhood lead poisoning.

Sincerely,

Larrie L. Lance, Dr. P.H., R.E.A., Chief
Lead Hazard Reduction Section
Childhood Lead Poisoning Prevention Branch

Enclosure

State of California Department of Health Services

Lead-Related Construction Certificate

Certificate Type	Expiration Date
Inspector/Assessor	**06/13/2004**
Project Monitor	**06/13/2004**

Matthew P. Crochet ID# 12

UNIVERSITY OF CALIFORNIA
UNIVERSITY EXTENSION, DAVIS
Western Regional Lead Training Center

IN RECOGNITION THAT

Matt Crochet

HAS ATTENDED THE FOLLOWING PROGRAM

EPA-Sponsored
Lead Inspectors Training
March 14 - 16, 1994

Passed final exam
Certificate Number 1078

Lead Abatement Program Manager

Certificate of Achievement

This is to certify that

Matt Crochet

on the 28th day of January 2000 successfully completed the factory training for

RMD's LPA-1 Lead Paint Inspection System

including, but not limited to, the topics of Radiation Safety and the Proper Use of the Instrument.

Jacob Paster, Vice President, RMD
44 Hunt St., Watertown, Massachusetts

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

03/10/2004

Serial # A14060

PRODUCER
LEGENDS ENVIRONMENTAL INS.SVCS,LLC
1305 GENE AUTRY WAY
ANAHEIM, CA 92805
LICENSE #0C79875
(714) 634-2683 (714) 634-3704

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY A: HUDSON INSURANCE CO. A XII

INSURED
BARR & CLARK, INC.
22850 CRENSHAW BLVD. # 200
TORRANCE, CA 90505

COMPANY B:

COMPANY C:

COMPANY D:

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY CLAIMS MADE [X] OCCUR OWNER'S & CONTRACTOR'S PROT [X] CONTRACTORS POLL	FEC510110	03/09/04	03/09/05	GENERAL AGGREGATE PRODUCTS - COMP/OP AGG PERSONAL & ADV INJURY EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED EXP (Any one person)	$ 2,000,000 $ 1,000,000 $ 1,000,000 $ 1,000,000 $ 50,000 $ 5,000
A	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS [X] HIRED AUTOS [X] NON-OWNED AUTOS	FEC510110	03/09/04	3/09/05	COMBINED SINGLE LIMIT BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE	$ 1,000,000 $ $ $
	GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EACH ACCIDENT AGGREGATE	$ $ $
	EXCESS LIABILITY UMBRELLA FORM OTHER THAN UMBRELLA FORM				EACH OCCURRENCE AGGREGATE 	$ $ $
	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: [ ] INCL [ ] EXCL				WC STATU-TORY LIMITS / OTH-ER EL EACH ACCIDENT EL DISEASE - POLICY LIMIT EL DISEASE - EA EMPLOYEE	 $ $ $
A	OTHER PROFESSIONAL LIABILITY CLAIMS MAKE	FEC510110	03/09/04	03/09/05	INCLUDED IN GL LIMITS ABOVE CLAIMS MADE	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER

INFORMATION & BIDDING PURPOSES ONLY

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE OF INDEPENDENT INSURANCE AGENCY

APPENDIX C

LEAD-RELATED CONSTRUCTION CERTIFICATION

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type	Expiration Date
Inspector/Assessor	06/13/2010
Project Monitor	06/13/2010

Matthew R. Crochet ID: 12

State of California Department of Public Health

Lead-Related Construction Certificate

Certificate Type

Expiration Date

Inspector/Assessor **01/18/2010**

Gene D. Barkland ID#: **12442**

APPENDIX D

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

DEMOLITION NOTIFICATION

SCAQMD NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

MAIL ORIGINAL TO SCAQMD, ASBESTOS NOTIFICATIONS, FILE # 55641, LOS ANGELES CA 90074-5641

WASTE TRANSPORTER #2			**WASTE STORAGE SITE**		
ADDRESS			ADDRESS		
CITY	STATE	ZIP	CITY	STATE	ZIP

CONTROLS: DESCRIBE WORK PRACTICES AND CONTROLS TO BE USED AT THE RENOVATION AND DEMOLITION SITE. Procedure # **1**, **2**, **3**, **4**, **5** or Other.

For asbestos removals circle the combination of Rule 1403 procedures used. Procedure 4 and 5 submit plans for AQMD prior approval.

ASBESTOS DETECTION PROCEDURE: CIRCLE THE PROCEDURES AND ANALYTICAL METHODS USED TO DETERMINE ASBESTOS IN THE BUILDING: Bulk Sampling, Inspection, Survey, PLM, PCM, TEM, Assumed as Asbestos, Describe Other:

FOR **DEMOLITIONS** GIVE THE COMPANY NAME AND DATES OF THE ASBESTOS REMOVAL:

FOR **ORDERED DEMOLITION** SEND A COPY OF THE ORDER AND GIVE THE AGENCY NAME & PHONE #

AUTHORIZING PERSON: TITLE

DATE OF ORDER: DATE ORDERED TO BEGIN:

FOR **EMERGENCY ASBESTOS REMOVAL** GIVE THE NAME AND PHONE NUMBER OF THE PERSON DECLARING/AUTHORIZING THE EMERGENCY, DATE AND HOUR OF EMERGENCY AND DESCRIBE THE SUDDEN, UNEXPECTED EVENT:

EXPLAIN HOW THE EVENT WOULD CAUSE UNSAFE CONDITIONS, EQUIPMENT DAMAGE OR UNREASONABLE FINANCIAL BURDEN:

CONTINGENCY PLAN: DESCRIBE ACTIONS AND PROCEDURES TO BE FOLLOWED IF UNEXPECTED ASBESTOS IS FOUND DURING DEMOLITION OR NONFRIABLE ASBESTOS MATERIAL BECOME CRUMBLED, PULVERIZED, OR REDUCED TO POWDER.

TRAINING CERTIFICATION: I certify that an individual trained in the provisions of regulation AQMD Rule 1403 and NESHAP will be on site during the removal and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours.

Company Name | Print name of owner/operator | Signature of owner/operator | Tittle of owner/operator | Date

INFORMATION CERTIFICATION: I certify that the above information is correct and I have enclosed any required attachments.

Company Name | Print name of owner/operator | Signature of owner/operator | Tittle of owner/operator | Date

Notifications can not be accepted without the required fee (AQMD Rule 301). Asbestos removals of less than 100 square feet are exempt from notification and fees. Please make checks payable to "SCAQMD". Fees are per notification, not refundable, and vary according to the project size. Fees are as follows:

DEMOLITION OR ASBESTOS REMOVAL		PROCEDURE 4 OR 5 PLAN	$ 313.72
FROM 100 TO 1,000 SQUARE FEET	$ 27.96	SPECIAL HANDLING FEE	$ 26.68
FROM 1,001 TO 5,000 SQUARE FEET	$ 85.47	REVISION OF NOTIFICATION	$ 11.31
FROM 5,001 TO 10,000 SQUARE FEET	$200.07	RETURNED CHECK CHARGE	$ 27.74
MORE THAN 10,000 SQUARE FEET	$313.72	CANCELLATION OF NOTIFICATION	$ 0.0
DEMOLITION OF LESS THAN 100 SQ FT	$ 27.96	ASBESTOS REMOVAL AT owner-occupied, single-unit dwelling	$ 27.96

ATTENTION: Keep a copy of your notification. State law requires that you provide a copy of the demolition notification to Building and Safety before issuance of a demolition permit. For questions call 909-396-2336. For your convenience please mail the form and fee and do not hand carry to AQMD.

Forms, Instructions, and Rule 1403 can be obtained from web site http://www.aqmd.gov

* Asbestos surveys are required prior to Demolition and Renovation

Forms, instructions, and the Rule 1403 can be obtained from AQMD web site **http://www.aqmd.gov** Form REV 200610