

5. Certification

The Point of Contact for this memorandum is the undersigned at (916) 369-4327.

“ I certify under penalty of perjury, I have personally examined and am familiar with the information submitted in this document and all attachments and, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.”



K. Markowski 03/04/14

Krzysztof Markowski, P.G. 8281
Engineering Geologist
California Military Department

NGCA-ARH-EN

SUBJECT: Supplemental Surface Soil Investigation, Former San Lorenzo Armory, 16501 Ashland Avenue, San Lorenzo, California

MILITARY DEPARTMENT
OFFICE OF THE ADJUTANT GENERAL
9800 Goethe Road – P.O. Box 269101
Sacramento, California 95826-9101



NGCA-ARH-FE

5 March 2014

Subject: Supplemental Surface Soil Investigation

Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA. 94502-6577
(510) 567-6700

Dear Mr. Mark Detterman:

Attached are results of the supplemental surface soil investigation performed at the former San Lorenzo Armory site address located at 16501 Ashland Avenue.

A certified Environmental Testing and Consulting firm met with representatives from Headquarters California Military Department (CMD), and San Lorenzo Unified School District (SLUSD) to witness shallow soil sampling at the site.

Results obtained from analysis of the samples taken confirm that no Asbestos Containing Construction Materials (ACCM) is present at the former Armory site. Based on the attached Memorandum For Record (MFR), and certification by Mr. Krzysztof Markowski we are requesting regulatory closure from the Alameda County Environmental Health Department for this site.

Point of contact for this action is Mr. Fred Delucchi at (916) 854-3115.

A handwritten signature in black ink, appearing to read "S. Buethe".

Steven Buethe
COL, EN, CA ARNG
Director, Facilities and Engineering Directorate

Attachments

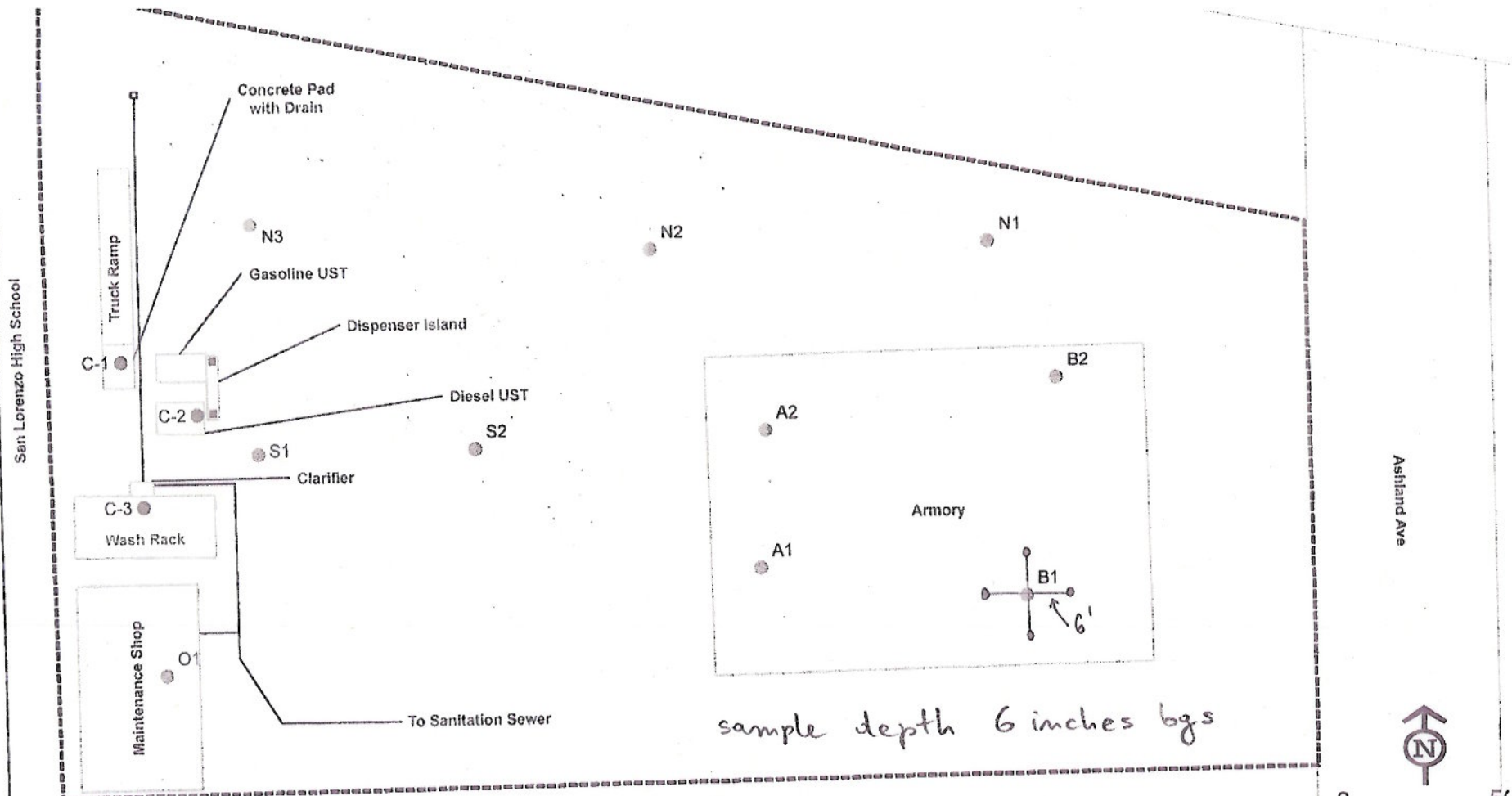
Armory Footprint Sampling Report

Figure 1 – Site photographs

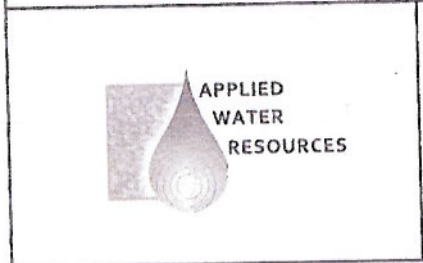
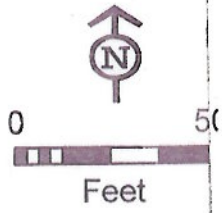
Figure 2 – Site Map and Boring/Sampling locations

Figure 1 - Site Photos





Sources: "Underground Storage Tank Closure Report: California Army National Guard Armory San Lorenzo, CA", American Integrated Services, Inc., September 2010
 "Fuel Leak Site Case Closure for the California National Guard Facility at 16501 Ashland Ave., San Lorenzo 94580", Geomatrix, October 3rd, 1997



- Asbestos and Lead Sample
- Boring
- Existing Pipeline
- Dispenser
- Former Building Location
- Storm Drain
- Property Boundary

Figure - 2
Site Map and Boring Locations
 San Lorenzo Armory
 16501 Ashland Avenue San Lorenzo, CA
 Created August 28th, 2010

MILITARY DEPARTMENT
OFFICE OF THE ADJUTANT GENERAL
9800 Goethe Road - P.O. Box 269101
Sacramento, California 95826-9101



NGCA-ARH-EN

4 March 2014

MEMORANDUM FOR RECORD

SUBJECT: Supplemental Surface Soil Investigation, Former San Lorenzo Armory, 16501 Ashland Avenue, San Lorenzo, California

1. Introduction

On 29 January 2014, California Army National Guard (CA ARNG) staff along with personnel from National Analytical Laboratories (NAL) and representative from San Lorenzo Unified School District (SLUSD) conducted shallow soil sampling at the subject site. The sampling was conducted by Mr. Anthony De Arcos from NAL and witnessed by Mr. Fred Delucchi and Mr. Krzysztof Markowski from CA ARNG. Ms. Prachi Amin who is the Construction Manager for SLUSD provided site access. This sampling was conducted to determine if shallow soil in the footprint of the former armory building contains elevated levels of asbestos fibers.

2. Background and Scope

The subject armory and associated buildings were demolished in July 2012. Following demolition the physical control of the site reverted back to SLUSD. An Environmental Condition of Property (ECOP) report was prepared by Applied Water Resources Corporation in September 2012. As part of the ECOP ten shallow soil samples were collected and analyzed for lead and asbestos. None of the soils samples contained lead at concentrations exceeding the criteria established by the California Department of Toxic Substances Control (DTSC) for schools. The analytical method PLM CARB 435 did not detect asbestos fibers. However, TEM CARB 435 did detect chrysotile and actinolite fibers at 0.0003% above the DTSC's screening guidance for schools in one sample collected from Boring 1 (B1) location as depicted on attached Figure 2.

In order to determine if the shallow soil near the location B1 contains elevated levels of asbestos CA ARNG agreed to collect five (5) additional shallow soil samples and analyze them for asbestos using EPA 600/R-93/116 Method with CARB 435 Prep, Level A for 0.25% Target Analytical Sensitivity. One sample was collected in the approximate location of B1 and four samples were collected, one in each main geographic direction 6 feet away from the center sample and 6 inches below ground surface (bgs). Please see the attached photos on Figure 1 and a map showing sampling locations on Figure 2.

3. Conclusions

The shallow soil sampling results indicate that no Asbestos Containing Building Materials (ACCM) or asbestos fibers are present in the area of the former boring location B1. For detailed information on sampling and analysis please refer to the attached Armory Footprint Sampling Report. The soil sampling conducted during ECOP and the results of the most recent sampling indicate that surface soils in the footprint of the former armory pose no threat human health or the environment.

4. Recommendations

After reviewing the results of supplemental soil investigation I recommend seeking regulatory closure from Alameda County Environmental Health Department for the suspected asbestos case.

*Asbestos Building
Inspection Report For:*

Armory Footprint

*16501 Ashland Avenue
San Lorenzo, CA*

Presented To:

Geoff Nickless

*California National Guard
P.O. Box 269101
Sacramento, CA 95825*

By:

*Anthony M. De Arcos
Certified Asbestos Consultant*

*National Analytical Laboratories, Inc.
2201 Francisco Dr. Ste. 140-261
El Dorado Hills, CA 95762
(916) 361-0555 Fax: (916) 361-0540
E-Mail: NAL1@NAL1.com Web Page: www.NAL1.com*

January 31, 2014

Geoff Nickless
California National Guard
P.O. Box 269101
Sacramento, CA 95825

RE: Asbestos Inspection – Armory Footprint-16501 Ashland Avenue

Dear Mr. Nickless,

This report is in regards to the asbestos soil inspection completed at the former Armory Footprint located at 16501 Ashland Avenue, in San Lorenzo, California. Of the five (5) suspected asbestos containing soil samples collected none (0) were found to contain asbestos containing construction materials (ACCM). Anthony M. De Arcos, Certified Asbestos Consultant and Registered Environmental Property Assessor conducted the inspection. The following is a report of our findings.

The asbestos inspection was completed on January 29, 2014. The inspection was completed according to the EPA's Asbestos Containing Building Materials (ACBM) In-Schools Rule; 40 CFR 763.85 (Inspection and Re-Inspection). Currently, EPA regulations classify ACBM as materials containing more than 1-percent (1%) of asbestos. Cal-OSHA currently regulates asbestos to 1/10th of 1% (0.1%) and requires that a certified asbestos worker conduct this work.

During the site investigation and based on the sample results collected from the specific areas listed therein where the work is to be conducted at the site, has been deemed free of ACCM. No destructive sampling was conducted during the site visit, in the event that demolition work reveals any unforeseen suspect materials or if any future renovation work is to be conducted in other areas at the site; the contractor shall cease all work and contact the building owner for further testing.

EMSL Analytical, Inc. (EMSL) in San Leandro, California analyzed the bulk suspect asbestos containing samples utilizing PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep, Level A for 0.25% Target Analytical Sensitivity. National Voluntary Laboratory Accreditation Program (NVLAP) Certification #10148-3 and California Environmental Laboratory Accreditation Program (CAELAP) Certification #1620, certifies EMSL.

The soil inspection and analytical results indicate that no ACCM is present in the limited area that is being renovated. The contractor, his employees and/or his sub-contractors, can complete their work, in the specific area tested, without any health or safety concerns in regards to the exposure of airborne asbestos fibers.



EMSL Analytical, Inc

2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> sanleandrolab@emsl.com

EMSL Order: 091401367
CustomerID: NAL51
CustomerPO: 33705
ProjectID:

Attn: **Anthony DeArcos**
National Analytical Laboratories (NAL)
2201 Francisco Dr.
Ste. 140-261
EI Dorado Hills, CA 95762

Phone: (916) 361-0555
Fax: (916) 361-0540
Received: 01/30/14 9:00 AM
Analysis Date: 1/30/2014
Collected: 1/29/2014

Project: 33705 ARMORY FOOTPRINT 16501 ASHLAND AVE, SAN LORENZO CA

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
16501-1SC 091401367-0001	SE graded area, - 90FT East from Street curb, East - to West, 17ft South to North to center hole, 6 inches deep	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
16501-2SC 091401367-0002	6ft North of center hole	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
16501-3SC 091401367-0003	6ft East of center hole	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
16501-4SC 091401367-0004	6ft South of center hole	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
16501-5SC 091401367-0005	6ft West of center hole	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s)

Jorge Leon (5)

Baojia Ke, Laboratory Manager
or other approved signatory

This report relates only to the samples listed above and may not be reproduced except in full, without EMSL's written approval. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMSL is not responsible for sample collection activities or method limitations. Some samples may contain asbestos fibers below the resolution limit of PLM. EMSL recommends that samples reported as none detected or less than the limit of detection undergo additional analysis via TEM. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from 01/30/2014 14:43:15

Armory Footprint
16501 Ashland Avenue, San Lorenzo, CA
January 31, 2014
Page 3 of 3

The location and results from this sampling are as follows:

Sample ID#	Material	Location	Results
16501-1SC	6 inches deep Soil Clearance	SE Graded Area, -90 ft. East From Street Curb, East to West, 17 ft., South To North Center Hole	None Detected
16501-2SC	6 inches deep Soil Clearance	6ft. North of Center Hole	None Detected
16501-3SC	6 inches deep Soil Clearance	6 ft. East of Center Hole,	None Detected
16501-4SC	6 inches deep Soil Clearance	6ft. South of Center Hole	None Detected
16501-5SC	6 inches deep Soil Clearance	6ft. West of Center Hole	None Detected

If you have any questions regarding this report or if we can be of further assistance, please contact our office.

Reviewed and submitted by:

Anthony M. De Arcos
Anthony M. De Arcos
Certified Asbestos Consultant
DOSH #92-0261



breathe easy.



#091401367

NAL LOG-IN RECORD

Login # 33705

Phone: 916.361.0555; Fax: 916.361.0540

National Analytical Laboratories, Inc.

Job Site/Job #:

Client#-Lot# 170 / 235
 California National Guard
 Phone Number
 FAX Number
 Contact Fred Delluchi
 E-Mail Address

Armory Footprint:
 16501 Ashland Avenue
 San Lorenzo, CA

Date 1/29/2014
 Sampling Date: 1/29/2014
 Sampling Time 12:00:00 PM
 Type Of Work: PLM-BI
 No. of Samples 5
 Turnaround: 6 hours

Num.	Sample ID#	Location/Description
1	16501-1SC	SE Graded Area, -90 ft. East From Street Curb, East to West, 17 ft., South To North To Center Hole, 6 inches Deep / Soil Clearance
2	16501-2SC	6 ft. North of Center Hole, 6 inches Deep / Soil Clearance
3	16501-3SC	6 ft. East of Center Hole, 6 inches Deep / Soil Clearance
4	16501-4SC	6 ft. South of Center Hole, 6 inches Deep / Soil Clearance
5	16501-5SC	6 ft. West of Center Hole, 6 inches Deep / Soil Clearance

Analyze Utilizing the CARB 435 PLM Method (0.25% or 0.1%)

Chain of Custody Information

Released By Signature	Date/Time	Received By Signature	Date/Time	Due:
<i>Anthony M. DeArcos</i>	01/29/14 4 PM	<i>R. Butler</i>	1:30 PM	
Released By Signature	Date/Time	Received By Signature	Date/Time	At:



N.A.L.

NATIONAL ANALYTICAL LABORATORIES, INC

Ph: 916-361-0555 Fx: 916-361-0540
www.nal1.com

Invoice

Date	Invoice #
1/31/2014	14310

California National Guard
P.O. Box 269101
Sacramento, CA 95827
Attnt: Geoff Nickless

Job Site:

San Lorenzo Armory Footprint
16501 Ashland
San Lorenzo, CA

P.O.#	Terms	Rep
	Due on receipt	WS

Description	Qty	Rate	Amount
Asbestos Building Inspection, Travel & Report	1	725.00	725.00
Asbestos CARB 435 A Bulk Sampling (0.25% Target Sensitivity)	5	350.00	1,750.00

Thank you for your business.

Total \$2,475.00

Please remit all payments to:
N.A.L, Inc.
2201 Francisco Dr. Ste 140-261
El Dorado Hills, CA 95762

Balance Due \$2,475.00

Tax ID #68-0288099