

FOR CONTRACT NO.: 03-01F4304

03-0000-1120

03 - SAC - L5736

INFORMATION HANDOUT

FOUNDATION REPORT, dated 6/29/10

AMENDED FOUNDATION REPORT, dated 7/28/10

AMENDED INITIAL SITE ASSESSMENT

INITIAL SITE ASSESSMENT

ENVIRONMENTAL STRUCTURAL SURVEY

AMENDED FOUNDATION REPORT

Memorandum

*Flex your power!
Be energy efficient!*

To: MR. SEAN SAMUEL
Branch Chief, Structural Design Section 2
Office of Transportation Architecture
Structure Design Services &
Earthquake Engineering
Division of Engineering Services

Date: July 28, 2010
File: 03-SAC-5736
03-1F4301
Northgate M.S.
New Crew Building

Attn: Mr. Justin Uyehara
Project Engineer

From: DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
GEOTECHNICAL SERVICES – MS 5

Subject: Amended Foundation Report

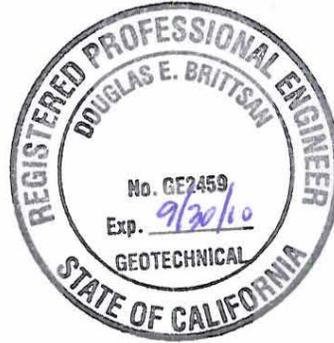
A request was received by the Office of Design R5, District 3, for an amended to the Foundation Report (FR) for Northgate Maintenance Station, dated June 29, 2010. Since the date of that report, soil test results for Expansion Index are complete and therefore, we conclude that no over excavation will be necessary because the potential for expansion is low. In addition, we received corrosion test results and based on these, the soil in the project area is non-corrosive.

With the exceptions of these changes, all other information included in the above referenced Foundation Report remains in effect and no other changes are warranted at this time.

Mr. Sean Samuel
July 28, 2010
Page 2

03-SAC-5736
03-1F4301
Northgate M.S.
New Crew Building

If you have any questions, please call Doug Brittsan at (916) 227-1079).



SERGIO DAMIAN
Transportation Engineer
Office of Geotechnical Design North
Branch C

DOUGLAS E. BRITTSAN, GE
Senior Transportation Engineer
Office of Geotechnical Design North
Branch C

C: Najed Dakak, (District Project Manager)
Mark Willian, (GS Corporate)
Re_Pending_File@dot.ca.gov
John Stayton, (DES Office Engineer, Office of PS&E)
Joe Peterson, (District Materials Engineer)
Doug Brittsan, (OGDN)
GDN File

FOUNDATION REPORT

Memorandum

*Flex your power!
Be energy efficient!*

To: MR. SEAN SAMUEL
Branch Chief, Structural Design Section 2
Office of Transportation Architecture
Structure Design Services &
Earthquake Engineering
Division of Engineering Services

Date: June 29, 2010
File: 03-SAC-5736
03-1F4301
Northgate M.S.
New Crew Building

Attn: Mr. Justin Uyehara
Project Engineer

From: DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
GEOTECHNICAL SERVICES – MS 5

Subject: Foundation Report

Introduction

Per your request dated March 25, 2010, we are providing this Foundation Report in support of the proposed new crew building at the Northgate Maintenance Station at 3940 Rosin Court in Sacramento CA. Plate No. 1 shows the approximate location of the site. The proposed project involves demolition of an existing building and construction of a replacement building. This building will have continuous concrete footings to support cold formed steel studs, with plywood sheathing. The roof of the building will be supported with pre-engineered cold formed steel trusses with plywood sheathing. This report summarizes our investigation and provides our recommended geotechnical design parameters.

Pertinent Reports and Investigations

The following publications and plans were reviewed to assist in the assessment of site conditions:

- California Building Code, 2007 edition
- Floor plans and layouts dated May 13, 2010 from Division of Engineering Services, Architectural and Structural Design.

- California Seismic Hazard Map, Caltrans, 2007.
- National Resource Conservation Soil Survey, U.S. Department of Agriculture website, <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>
- “Geologic Map of California: Sacramento Quadrangle sheet”. Wagner, D.L., Bedrossian, T.L., Bortugno, E.J., and Jennings, C.W., California Division of Mines and Geology, 1981

Regional Geology

The California Department of Conservation, Division of Mines and Geology Geologic Map of California, Sacramento Sheet, 1981, was used to determine the geologic formations at the project location. A section from this map showing the project location is attached as Plate No. 2. The Geologic Map of California, Sacramento Sheet (1981), indicates that the soil present in the project area is Quaternary age sediments consisting of basin deposits (Qb) (fine-grained sediments consisting primarily of silt and clay). The National Cooperative Soil Survey describes the soils within the project limits as belonging to the Clear Lake Clay soil series. The clear lake series consists of poorly drained soils on old alluvial fans and in basins.

The State of California, Air Resources Board (ARB) Map of California Showing Principal Asbestos Deposits has been reviewed to determine the potential that asbestos deposits will be encountered in the project area. According to this map, the project site is not located in an area of naturally occurring asbestos.

Subsurface Investigation Program

A subsurface exploration program was performed on May 19 and 20, 2010. Two borings, B1 and B2 were drilled to depths of 40.0 feet and 25.0 feet below the existing ground surface, respectively. Plate No. 3 shows the approximate locations of the borings.

The borings were drilled using a B47 Mobile trailer-mounted drill rig. The borings were advanced using a 6 inch diameter Mud Rotary drilling method. Soil samples were recovered from these borings by driving a 1.4 inches inner diameter split spoon sampler 18 inches into the subsurface with a 140 lbs safety driver hammer dropped 30 inches. The number of hammer blows required to drive the sampler the last 12 inches into the ground was recorded on the log of borings. Samples recovered from the split spoon sampler were used to classify the subsurface soils. The logs of test borings (LOTB) have

been submitted to the Geotechnical Services Drafting Branch for processing and will be forwarded when completed.

Subsurface Conditions

Two rotary borings were drilled at the project site. Boring B1 was located in the paved parking in front of the main office building. Boring B2 was located in an unpaved area by the Northwestern corner of the same building. See Plate No. 3.

Boring B1 was drilled to 40 feet below ground surface, and boring B2 ended 25 feet below ground surface. Both borings encountered only alluvial soils as listed below:

Boring B1

0.0 to 9.5 feet	Lean clay, very stiff.
9.5 to 14.0 feet	Lean clay with silt, very stiff.
14.0 to 15.5 feet	Sandy lean clay, very stiff.
15.5 to 19.5 feet	Poorly graded sand, medium dense.
19.5 to 25.0 feet	Poorly graded sand with silt, very dense.
25.0 to 32.0 feet	Silt with sand, very stiff.
32.0 to 40.0 feet	Silt, stiff to very stiff.

Boring B2

0.0 to 9.5 feet	Lean clay, stiff.
9.5 to 10.0 feet	Poorly graded sand, medium dense.
10.0 to 11.5 feet	Silty sand, loose to medium dense.
11.5 to 20.0 feet	Clayey sand, medium dense.
20.0 to 25.0 feet	Poorly graded sand with silt, very dense.
25.0 to 32.0 feet	Silt with sand, medium stiff to very stiff.

A piezometer was installed on boring B2 and ground water was not encountered to the depth of 25 feet. According to the Department of Water Resources the water table is approximately 30 feet below the ground surface. Bedrock was not encountered during our investigation.

Geotechnical Recommendations

1. Based on Table 1804A.2 "Allowable Foundation Pressure" in the 2007 CBC, the allowable bearing pressure at this site would be 1500 psf. At the time of this report, the soil lab test results were not yet available. However, based on our calculations, the

allowable soil bearing capacity is 2000 psf. The results of the lab tests will be provided as soon as they are available.

2. A design lateral soil load of 60 psf / foot of depth for active pressure may be used.
3. Where upward capillary moisture is not desired, a moisture barrier should be used. A vinyl membrane with a minimum thickness of 6 mils should be placed overlying 4 inches of washed sand or crushed rock. The membrane should be covered by 3 inches of sand to aid in uniform curing of the concrete. Care should be taken not to puncture the membrane. If adequate drainage is installed around the building, then a moisture barrier is not required. The water is approximate 30 feet below the ground surface and it is not anticipated that the water table will rise or be drawn up to the bottom of the concrete slab.
4. During the subsurface exploration, a sample was collected at a depth range of 1.5 to 3.5 feet below the existing ground surface on boring B2. The sample was submitted for corrosion analysis. The results will be forwarded when the analysis is completed.
5. Immediate elastic settlement will be insignificant. We expect long term consolidation will not be an issue.
6. We recommend that the soil below the bottom of footing be excavated to a depth of 2 feet and backfilled with Class 2 Aggregate Base. The aggregate base should be compacted to a minimum relative compaction of 95 percent (Cal Test 216). The aggregate base should be placed 2 feet below the bottom of the footing and extend 2 feet beyond both the heel and the toe of the footing.
7. Divert runoff away from the building help to prevent the structure damage caused by shrinkage and swelling.
8. The finish floor elevation is 18.25 feet and the bottom of footing elevation is 16.25 feet. The existing ground elevation is 17.34 feet.

Seismic Recommendations

In accordance with Caltrans 2009 Seismic Design Procedure (SPD), the nearest active fault to the site is the Great Valley fault 3 (Fault ID No. 22) that lies 28.9 miles to the West. The Great Valley fault 3 is identified as a reverse fault with a maximum magnitude of 6.9.

1. The soil's Type as specified in Table 1613.5.2 of the 2007 California Building Code, is classified as Type D.
2. The mapped MCE spectral response at short period (S_s) is 0.551g.
3. The mapped MCE spectral response at a period of 1 second (S_1) is 0.235g.
4. As there are no known faults crossing beneath or extending toward the site, the potential of surface displacement due to faulting or lateral spreading is considered to be low.
5. Based on our site investigation, the soils encountered, (stiff to very stiff clay) are not liquefiable. Therefore, potential for liquefaction is considered to be insignificant.

Construction Considerations

1. Groundwater is not anticipated to be encountered during the continuous footing excavation.
2. Spread footings shall be placed on firm soil. If unsuitable materials are encountered during excavation, these materials should be removed and replaced with suitable material or the footing elevation should be lowered to a firm base.
3. If any unforeseen geologic conditions are encountered during footing excavation, this Office should be contacted for additional recommendations.
4. All footing excavations are to be inspected and approved by this office or the R.E. when excavations are completed to subgrade and prior to placement of concrete.
5. All underground utilities should be removed or abandoned prior to foundation construction at the site. Excavation from utility removal should be backfilled according to Caltrans Standard Specifications.

Project Information

Standard Special Provision S5-280, "Project Information", discloses to bidders and contractors a list of pertinent information available for their inspection prior to bid opening. The following is an excerpt from SSP S5-280 disclosing information originating from Geotechnical Services. Items listed to be included in the Information

Mr. Sean Samuel
June 29, 2010
Page 6

03-SAC-5736
03-1F4301
Northgate M.S.
New Crew Building

Handout will be provided in Acrobat (.pdf) format to the addressee(s) of this report via electronic mail.

Data and information attached with the project plans are:

A. None

Data and Information included in the Information Handout provided to the bidders and Contractors are:

A. Foundation Report for 03-1F4301, dated 6/29/2010.

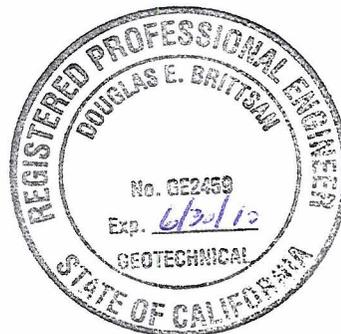
Data and Information available for inspection at the District Office:

A. None

Data and Information available for inspection at the Transportation Laboratory are:

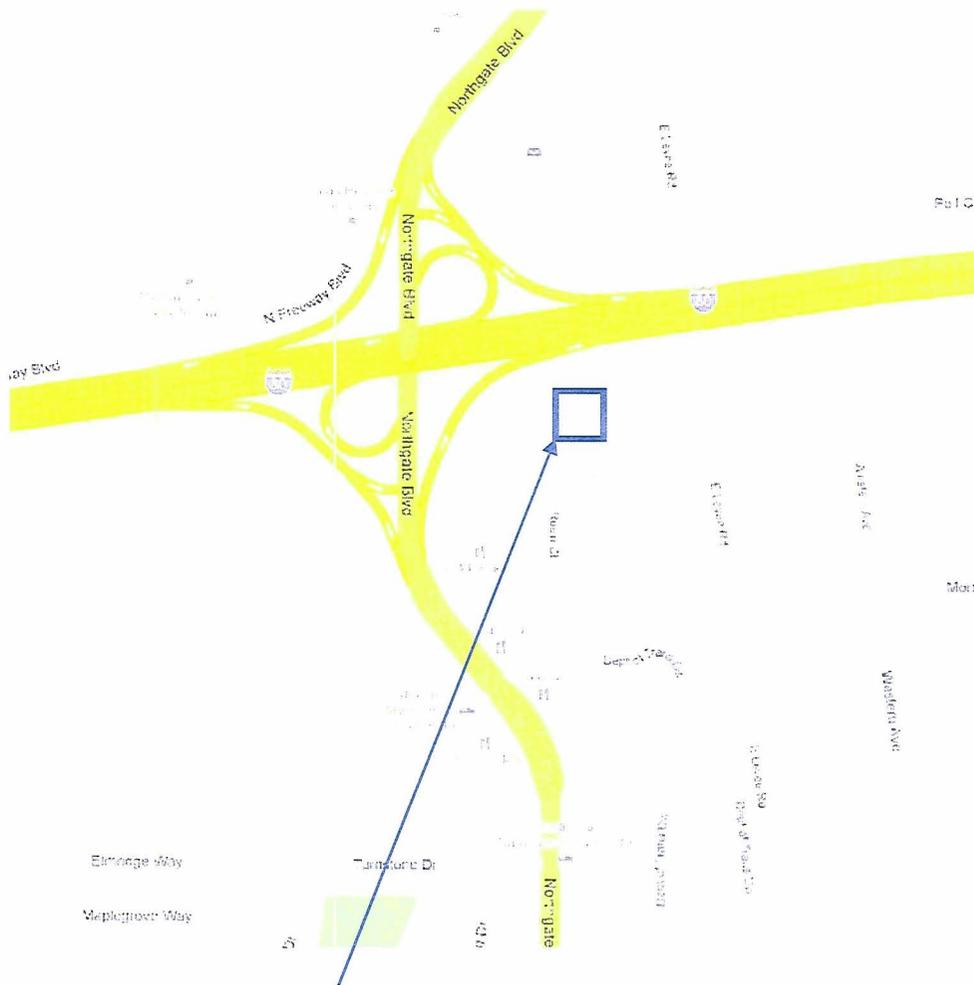
A. None

The recommendations contained in this report are based on the specific project information provided to this office through May 27, 2010. If any conceptual changes are made during final design or in the field that could relate to or are related to geotechnical issues, the Office of Geotechnical Design North should review those changes to determine if these recommendations still apply. If you have any questions or comments, please call me at (916) 227-1055, Luke Leong at (916) 227-1081 or Doug Brittsan at (916) 227-1079.



SERGIO DAMIAN
Transportation Engineer
Office of Geotechnical Design North
Branch C

DOUGLAS E. BRITTSAN, GE
Senior Transportation Engineer
Office of Geotechnical Design North
Branch C



PROJECT LOCATION



NO SCALE



CALTRANS
 Division of Engineering Services
 Geotechnical Services
 Office of Geotechnical Design-
 North

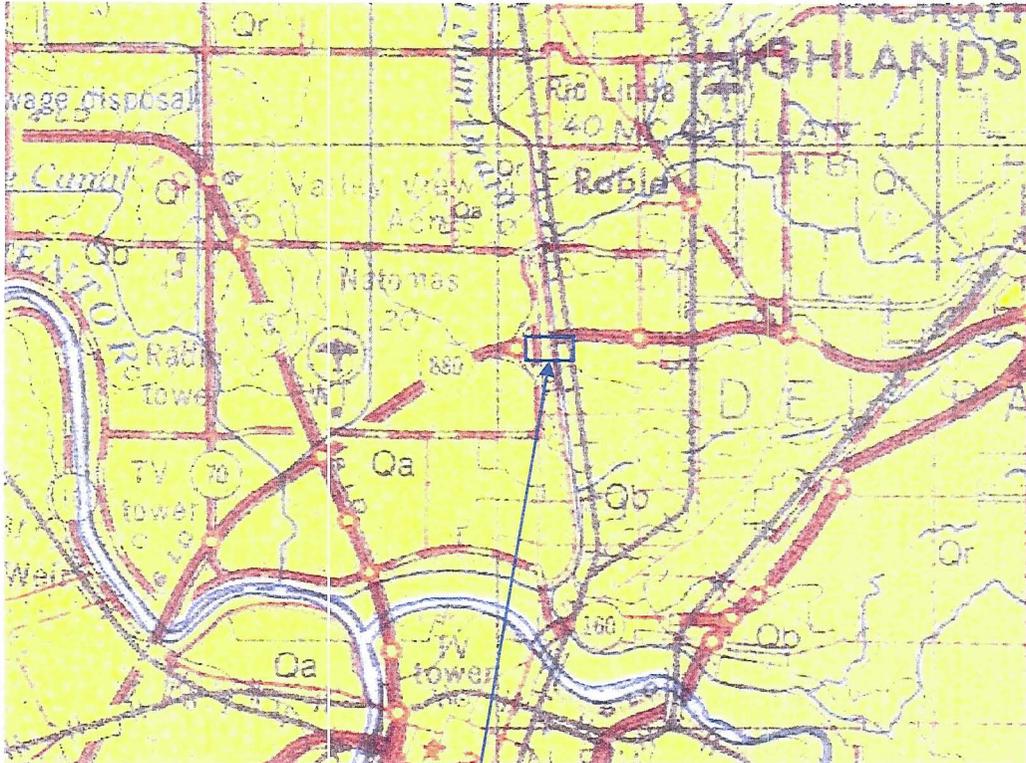
EA: 03-1F4301

Date: JUNE 2010

VICINITY MAP

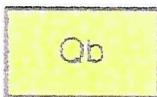
**03-SAC: NORTHGATE M.S.
 FOUNDATION REPORT**

Plate
 No. 1



PROJECT LIMITS

PERTINENT GEOLOGIC UNITS



Basin Deposits

APPROXIMATE SCALE

0 4000 8000 12000 16000 20000 feet



0 2 4 miles



0 2 4 kilometer



Base Map Reference: Geologic Map of California, Sacramento sheet, 1:250,000, Department of Conservation, Division of Mines and Geology, 1981.



CALTRANS
 Division of Engineering Services
 Geotechnical Services
 Office of Geotechnical Design-
 North

EA: 03-1F430

Date: June 2010

GEOLOGIC MAP

**03-SAC; NORTHGATE M.S
 FOUNDATION REPORT**

Plate
 No. 2

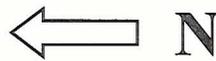


Boring B2

9 ft North, 12 ft East from
Northwestern corner of ex. building.

Boring B1

9.2 ft South, 15.75 ft East from
Northeastern corner of ex. building.



NO SCALE



CALTRANS
Division of Engineering Services
Geotechnical Services
Office of Geotechnical Design-
North

EA: 03-1F4301

Date: June 2010

Borings Locations

**03-SAC: NORTHGATE M.S.
FOUNDATION REPORT**

Plate
No. 3

AMENDED INITIAL SITE ASSESSMENT

Memorandum

To: Marlene Gibb
Project Engineer
703 B Street
Marysville CA 95901

Date: May 5, 2010
File No: 03-Sac-80
PM 5.2
Maintenance Project

EA: 03-1F4300

From: DEPARTMENT OF TRANSPORTATION
Office of Environmental Engineering – South (OEES)

Subject: Amended Initial Site Assessment (AISA) – Negative Declaration Required

On March 29, 2010, OEES completed an Initial Site Assessment (ISA) which, noted that your project was not on, nor would it impact, a Cortese listed site. This recommendation was based on the fact that underground fuel storage tanks had been removed from the facility and the Regional Water Quality Control Board noted that remediation was "completed" and "case closed". It is the formal position of Headquarters Hazardous Waste that once site has been listed on the Cortese list pursuant to Government Code section 65962.5, at a minimum, to comply with CEQA, a Negative Declaration is required regardless of the current status of the site. Therefore, in addition to the Structural Survey already required for this project, a Negative Declaration is also required as the environmental document.

If there are any significant changes to the project scope, or if new information is identified, please contact the OEES, as soon as reasonably possible so the significance of the information and the need for additional studies can be assessed. If you have any questions or comments, please feel free to call me at (530) 741-4556.



Mark Melani,
Office of Environmental Engineering – South

cc: File
Melessia Downham, Associate Environmental Planner

INITIAL SITE ASSESSMENT

Memorandum

To: Marlene Gibb
Project Engineer
703 B Street
Marysville CA 95901

Date: March 29, 2010
File No: 03-Sac-80
PM 5.2
Maintenance Project

EA: 03-1F4300

From: DEPARTMENT OF TRANSPORTATION
Office of Environmental Engineering – South (OEES)

Subject: Initial Site Assessment

Per your request, OEES has reviewed the above referenced project. The project, a maintenance project, proposes to remove and replace the existing Northgate Maintenance Station crew quarters. Soil and vegetation will be disturbed by the proposed construction activities. All work will be conducted within existing Caltrans r/w. Excess soil may be generated.

Based on this review, two minor hazardous waste/material issues, asbestos containing material (ACM) and/or lead containing paint (LCP) exists for the project as proposed. To address these issues, prior to PS&E, a Structural Survey to assess the presence, and if, present extent of ACM and LCP is required. Once requested the Structural Survey usually takes 2 to 4 months to complete. Once the Structural Survey has been completed final SSP/NSSP needs will be identified. Additionally, it should be noted that the project is not located on, nor will it potentially impact, a listed site pursuant to Government Code section 65962.5 (including the so-called Cortese list), a categorical exemption may be used.

If there are any significant changes to the project scope, or if new information is identified, please contact the OEES, as soon as reasonably possible so the significance of the information and the need for additional studies can be assessed. If you have any questions or comments, please feel free to call me at (530) 741-4556.



Mark Melani,
Office of Environmental Engineering – South

cc: File
Melessia Downham, Associate Environmental Planner

ENVIRONMENTAL STRUCTURAL SURVEY

December 02, 2010



Dave Watts
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 114990

RE: NORTHGATE MS, S9300-06-140

Attention: Dave Watts

Enclosed are the results for sample(s) received on December 02, 2010 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 02-Dec-10

CLIENT: Geocon Consultants, Inc.
Project: NORTHGATE MS, S9300-06-140

Lab Order: 114990

Lab ID: 114990-001 **Collection Date:** 12/1/2010 10:14:00 AM
Client Sample ID: P1 **Matrix:** PAINT

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ICP METALS

		EPA 3050B		EPA 6010B		
RunID:	ICP10_101202D	QC Batch:	68567	PrepDate:	12/2/2010	Analyst: SRB
Lead		ND	9.2	mg/Kg	1	12/2/2010 01:05 PM

Lab ID: 114990-002 **Collection Date:** 12/1/2010 11:12:00 AM
Client Sample ID: P2 **Matrix:** PAINT

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ICP METALS

		EPA 3050B		EPA 6010B		
RunID:	ICP10_101202D	QC Batch:	68567	PrepDate:	12/2/2010	Analyst: SRB
Lead		21	11	mg/Kg	1	12/2/2010 01:07 PM

Lab ID: 114990-003 **Collection Date:** 12/1/2010 11:17:00 AM
Client Sample ID: P3 **Matrix:** PAINT

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ICP METALS

		EPA 3050B		EPA 6010B		
RunID:	ICP10_101202D	QC Batch:	68567	PrepDate:	12/2/2010	Analyst: SRB
Lead		ND	15	mg/Kg	1	12/2/2010 01:13 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



**Advanced Technology
Laboratories**

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Geocon Consultants, Inc.
Work Order: 114990
Project: NORTHGATE MS, S9300-06-140

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-68567	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 12/2/2010	RunNo: 127317						
Client ID: PBS	Batch ID: 68567	TestNo: EPA 6010B EPA 3050B		Analysis Date: 12/2/2010	SeqNo: 2055586						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 1.0

Sample ID: LCS-68567	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 12/2/2010	RunNo: 127317						
Client ID: LCSS	Batch ID: 68567	TestNo: EPA 6010B EPA 3050B		Analysis Date: 12/2/2010	SeqNo: 2055587						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 45.106 1.0 50.00 0 90.2 80 120

Sample ID: LCSD-68567	SampType: LCSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 12/2/2010	RunNo: 127317						
Client ID: LCSS02	Batch ID: 68567	TestNo: EPA 6010B EPA 3050B		Analysis Date: 12/2/2010	SeqNo: 2055588						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 45.384 1.0 50.00 0 90.8 80 120 45.11 0.615 20

Sample ID: MB-68567-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 12/2/2010	RunNo: 127317						
Client ID: ZZZZZ	Batch ID: 68567	TestNo: EPA 6010B EPA 3050B		Analysis Date: 12/2/2010	SeqNo: 2055589						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

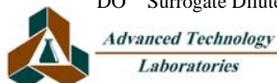
Lead 118.015 1.0 125.0 0 94.4 34 126

Sample ID: MB-68567-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 12/2/2010	RunNo: 127317						
Client ID: ZZZZZ	Batch ID: 68567	TestNo: EPA 6010B EPA 3050B		Analysis Date: 12/2/2010	SeqNo: 2055590						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 113.337 1.0 125.0 0 90.7 34 126 118.0 4.04 20

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



Date: 12-06-10
EA: 03-31F4301
NORTHGATE MAINTENANCE STATION AT 3940 ROSIN COURT

Mark Melani/D03/Caltrans/CAGov



**Mark
Melani/D03/Caltrans/CAGov**
v
12/06/2010 06:59 AM

To: Marlene Gibb/D03/Caltrans/CAGov@DOT, Melessia
Downham/D03/Caltrans/CAGov@DOT
cc: Fermin Barriga/D03/Caltrans/CAGov@DOT
Subject: Fw: Results/EDD - NORTHGATE MS (114990)

Good News,

No Specs needed for lead or asbestos. Building samples basically clean. Very low levels in the intact paint samples.

Thanks,

Mark Melani
Caltrans
Office of Environmental Engineering - South
703 B Street
Marysville, California 95901

Phone (530) 741-4556
FAX (530) 741-4457

----- Forwarded by Mark Melani/D03/Caltrans/CAGov on 12/06/2010 06:55 AM -----



b and d
<bferia1@yahoo.com>
12/02/2010 04:57 PM

To: <mark_melani@dot.ca.gov>
cc: David Watts <watts@geoconinc.com>
Subject: Fwd: Results/EDD - NORTHGATE MS (114990)

Mark,

Paint results attached (nothing remarkable - lead at very low levels).
No asbestos was detected at the office building. It's a "clean" site. (I'm out tomorrow.)

Thanks.

Dave

--- On **Thu, 12/2/10**, **watts@geoconinc.com** <watts@geoconinc.com> wrote:

From: watts@geoconinc.com <watts@geoconinc.com>
Subject: Fwd: Results/EDD - NORTHGATE MS (114990)
To: bferial@yahoo.com
Date: Thursday, December 2, 2010, 4:45 PM

----- Forwarded message from diane@atlglobal.com -----
Date: Thu, 2 Dec 2010 15:27:50 -0800
From: Diane Galvan <diane@atlglobal.com>
Reply-To: Diane Galvan <diane@atlglobal.com>
Subject: Results/EDD - NORTHGATE MS (114990)
To: watts@geoconinc.com
Cc: livermore@geoconinc.com

Hi Dave,

Here are the results and Excel EDD.

Thanks,

Diane Galvan
Project Manager

Advanced Technology Laboratories
www.atlglobal.com <<http://www.atlglobal.com>>
Tel: (562) 989-4045 ext. 238
Fax: (562) 989-4040

Advanced Technology Laboratories is a full-service environmental lab providing organic and inorganic analyses of soil, water, wastewater, storm water and hazardous waste samples. ATL is accredited by the State of California, NELAP and State of Nevada and holds various SBE, DBE and MBE certificates and a USDA soil permit. ATL takes pride in providing our customers with quick turnaround time, excellent customer service and defensible data while offering very competitive rates. Advanced Technology Labs - Your Partner for Quality Environmental Testing

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----- End forwarded message -----

Hi Dave,

Here are the results and Excel EDD.

Thanks,

Diane Galvan

Project Manager



Advanced Technology Laboratories

www.atlglobal.com

Tel: (562) 989-4045 ext. 238

Fax: (562) 989-4040

Advanced Technology Laboratories is a full-service environmental lab providing organic and inorganic analyses of soil, water, wastewater, storm water and hazardous waste samples. ATL is accredited by the State of California, NELAP and State of Nevada and holds various SBE, DBE and MBE certificates and a USDA soil permit. ATL takes pride in providing our customers with quick turnaround time, excellent customer service and defensible data while offering very competitive rates. *Advanced Technology Labs - Your Partner for Quality Environmental Testing*

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image001.jpg



114990.pdf